

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALANCING	40	1 1/2	6000 PSI	MXM SCREW	HALE HAMILTON	VARIABLE FP GLOBE	NAB	NIAB TRIM	7
BALANCING	80	3	TABLE F	FF	TOUR&ANDERSON	VARIABLE GLOBE TYPE BB	CI	316SS TRIM CPDM DISC HF SEAT	5
BALANCING	150	6	TABLE E	FF	HATTERSLEY	VARIABLE Y-TYPE BB	CI	BRASS TRIM EPDM DISC HF SEAT	2
BALL	8	1/4	2000 PSI	NPT	APV	FB 3P FS LO LD 800CL CLVI	316	316L + STELL TRIM STELL SEAT	1
BALL	8	1/4	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS C/W DEADMAN LEVER	A105/316	316 TRIM RPTFE SEAT	50
BALL	8	1/4	2000 PSI	NPT	FLOWTURN	FB 3P FS LO LD 1500CL NACE	CF8M	316 TRIM RPTFE SEAT PTFE PKG	40
BALL	8	1/4	2220 PSI	BSP	STARLINE	FB 3P FS LO LD 900CL NACE 136SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	45
BALL	8	1/4	2220 PSI	BSP	STARLINE	FB 3P FS LO LD 900CL	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	26
BALL	8	1/4	2220 PSI	BSP	STARLINE	FB 3P FS LO LD 900CL	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	26
BALL	8	1/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD 900CL	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	8	1/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD 900CL	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	8	1/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD 1500CL 116NGT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	14
BALL	8	1/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD 1500CL 116NRT EXT BONNET	316/L	316 TRIM RPTFE SEAT GRP PKG	5
BALL	8	1/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	40
BALL	8	1/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	40
BALL	8	1/4	6000 PSI	NPT	STARLINE	FB 3P FS LO LD 2500CL NACE 166NGV-G	316/L	316 TRIM DELRIN SEAT GRP PKG	20
BALL	8	1/4	6170 PSI	NPT	STARLINE	FB 3P FS LO LD 2500CL NACE 165NGV-G	316/L	316 TRIM DELRIN SEAT GRP PKG	20
BALL	8	1/4	6170 PSI	NPT	STARLINE	FB 3P FS LO LD 2500CL NACE 165NGV-G	316/L	316 TRIM DELRIN SEAT GRP PKG	20
BALL	10	3/8	2000 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 800CL 126RTT-G	316/L	316 TRIM RPTFE SEAT GRP PKG	35
BALL	10	3/8	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS C/W DEADMAN LEVER	A105/316	316 TRIM RPTFE SEAT	50
BALL	10	3/8	2000 PSI	NPT	FLOWTURN	FB 2P LO NF SPRING LEVER DEADMAN	CF8M	316 TRIM RPTFE SEAT PTFE PKG	40
BALL	10	3/8	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 116NTT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	20
BALL	10	3/8	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL EXT BONNET	316/L	316 TRIM RPTFE SEAT GRP PKG	20
BALL	10	3/8	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGT-G	A105N	316 TRIM DEVLON SEAT GRP PKG	23
BALL	10	3/8	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	CF8M	316 TRIM DELRIN SEAT GRP PKG	35
BALL	10	3/8	6170 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	10	3/8	6170 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	15	1/2	150 CL	RFSF	STARLINE	FB 2P FS LO LD EXT BONNET	316	316 TRIM KELF SEAT GRP PKG	4
BALL	15	1/2	150 CL	RF	APV	FB 2P FS LO LD SUPER AUSTENITIC	904L	904L TRIM RPTFE SEAT	15
BALL	15	1/2	150 CL	RFSF	APV	FB 2P FS LO LD CL VI	A105	316L+STELL TRIM STELL SEAT	13
BALL	15	1/2	150 CL	RF	APV	FB 2P FL FS LO LD CN7M	A20	A20 TRIM RPTFE SEAT	20
BALL	15	1/2	150 CL	RF	APV	FB 2P FS LO LD (5A)	CE3MN	SUPER DUPLEX RPTFE SEAT	20
BALL	15	1/2	150 CL	RFSF	APV	FB 2P FS LO LD CL VI	CF3M	316L+STELL TRIM STELL SEAT	10
BALL	15	1/2	150 CL	RFSF	APV	FB 2P FS LO LD	CF8M	316 TRIM PTFE SEAT GRP PKG	20
BALL	15	1/2	150 CL	RFSF	APV	FB 2P FS LO LD A20	CN7M	316 TRIM RPTFE SEAT GRP PKG	5
BALL	15	1/2	150 CL	RF	APV	FB 2P FS LO LD MP CD3MN (4A)	F51	F51 TRIM RPTFE SEAT	20
BALL	15	1/2	150 CL	RF	APV	FB 2P FS LO LD (C276EQUIL)	HAST	RPTFE CW12MW BODY	15
BALL	15	1/2	150 CL	RFSF	STARLINE	FB 2P FS LO LD 175GS-G	LF2	316 TRIM CGPTFE/PEEK/GRP SEAT	8
BALL	15	1/2	150 CL	RF	APV	FB 2P FS LO LD M35-1	MONEL	MONEL 400 TRIM EQUIV RPTFE SEAT	15
BALL	15	1/2	150 CL	RF	APV	FB 2P LO LD TI C2 & TIC5 FORGED	TI	TITANIUM (99TI/GR2/GR5/6AI-40/B367C5	12
BALL	15	1/2	300 CL	RFSF	STARLINE	FB 3P FS LO LD 135GS-G	A105/LF2	316 TRIM CGPTFE/PEEK/GRP SEAT	10
BALL	15	1/2	300 CL	RFSF	STARLINE	FB 3P FS LO LD 135GS-G	A105/LF2	316 TRIM CGPTFE/PEEK/GRP SEAT	10
BALL	15	1/2	300 CL	RFSF	APV	FB 3P FS LO LD	CF3M	316L TRIM STELL SEAT GRP PKG	2
BALL	15	1/2	300 CL	RFSF	APV	FB 2P FS LO LD	CF8M	316 TRIM PTFE SEAT GRP PKG	15
BALL	15	1/2	300 CL	RFSF	JC	FB 2P FS LO LD 530IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	40
BALL	15	1/2	300 CL	RFSF	SFEROVA	FB 3P FS LO TM	F51	F51 TRIM NYLON SEAT GRP PKG	2
BALL	15	1/2	300 CL	RFSF	STARLINE	FB 3P FS LO LD 119SGS	F51	F51 TRIM CGPTFE SEAT GRP PKG	5
BALL	15	1/2	300 CL	RFSF	APV	RB 1P FS LO LD	LCB	316 TRIM RPTFE SEAT GRP PKG	40
BALL	15	1/2	300 CL	RFSF	JC	RB 1P FS LO LD	LF2	316 TRIM PTFE SEAT GRP PKG	45
BALL	15	1/2	300 CL	RFSF	APV	FB 2P FS LO LD	WCB	316 TRIM PTFE SEAT GRP PKG	20
BALL	15	1/2	600 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	20
BALL	15	1/2	600 CL	RFSF	STARLINE	FB 3P FS LO LD NACE 119SGS-G	F51	F51 TRIM PTFE SEAT GRP PKG	26
BALL	15	1/2	600 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 115SGS-G	LF2	316 TRIM CGPTFE SEAT GRP PKG	43
BALL	15	1/2	600 CL	RF	APV	FB 2P LO LD M35-1	MONEL	MONEL RPTFE 400 TRIM RPTFE SEAT	10
BALL	15	1/2	600 CL	RFSF	ARGUS	FB 3P FS LO EXT STEM HIGH TEMP CL VI	WCB	316 TRIM STELL SEAT GRP PKG	18
BALL	15	1/2	1000 PSI	NPT/SW	APV	FB 3P/2P TI C2/C5	TITANIUM	EQUIV CR2, 99TI B367C2, GR5 6AI-4V B367	25
BALL	15	1/2	1500 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	13
BALL	15	1/2	1500 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	15	1/2	1500 CL	BW160	ORSENIGO	FB 3P FS LO LD CL VI	F22	316+TCC TRIM STELL SEAT GRP PKG	3
BALL	15	1/2	1500 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 169NGE-G	F51	F51 TRIM PEEK SEAT GRP/E985	4
BALL	15	1/2	1500 CL	RFSF	PBVS	FB 3P FS LO TM NACE	LF2	316 TRIM NYLON SEAT VAED/GRP	16
BALL	15	1/2	1500 CL	RTJUC	PBVS	FB 3P FS LO TM NACE	LF2	316 TRIM NYLON SEAT VAED/GRP	16
BALL	15	1/2	2000 PSI	BW40	APV	FB 3P FS LO LD 800CL	316	316 TRIM RPTFE SEAT GRP PKG	30
BALL	15	1/2	2000 PSI	NPT	SFEROVA	FB 2P FS LO LD NACE 800CL CL VI	316	316+STELL TRIM SEAT GRP PKG	5
BALL	15	1/2	2000 PSI	BSP	SUPERSEAL	FB 3P NF LO LD	304L	304L TRIM PTFE SEAT PTFE PKG	25
BALL	15	1/2	2000 PSI	NPT	SUPERSEAL	FB 3P FS LO LD	304L	304L TRIM PTFE SEAT PTFE PKG	25
BALL	15	1/2	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS C/W DEADMAN LEVER	A105/316	316 TRIM RPTFE SEAT	50
BALL	15	1/2	2000 PSI	NPT	APV	FB 2P FS LO LD 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	120
BALL	15	1/2	2000 PSI	NPT	APV	FB 3P FS LO LD NACE ALLOY 20	CN7M	A20 TRIM PTFE SEAT PTFE PKG	80
BALL	15	1/2	2000 PSI	BW/NPT/SW/BAPV	APV	FB 3P FS CD3MN (4A)	F51/F53	CE3MN SUPER DUPLEX RPTFE	25
BALL	15	1/2	2000 PSI	BW/BSP/NPT/APV	APV	FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	30

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TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	15	1/2	2000 PSI	NPT	APV	FB 3P FS M35-1	<b>MONEL</b>	MONEL 400 TRIM RPTFE SEAT	<b>20</b>
BALL	15	1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 116SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	<b>200</b>
BALL	15	1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>20</b>
BALL	15	1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>600</b>
BALL	15	1/2	2220 PSI	PUPBW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>60</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>300</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>300</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>300</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>300</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>200</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>200</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>200</b>
BALL	15	1/2	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>200</b>
BALL	15	1/2	3700 PSI	BW80	APV	FB 3P FS LO LD 1500CL INTEG CL VI	<b>304</b>	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>2</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 116NGS-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>80</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 216NGT-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>50</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 216NGT-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>50</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 216NGT-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>50</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL <b>EXT BONNET</b>	<b>316/L</b>	316 TRIM DELRIN SEAT GRP PKG	<b>12</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 116NGG-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>60</b>
BALL	15	1/2	3700 PSI	PUPSWXNPT	APV	FB 2P FS LO LD 1500CL INTEG	A105/LF2	316 TRIM NYLON SEAT GRP PKG	<b>10</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>500</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 115PGS-G	A105/LF2	316 TRIM <b>PEEK</b> SEAT GRP PKG	<b>300</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>100</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>100</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>100</b>
BALL	15	1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>100</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>130</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>130</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>130</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>130</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>130</b>
BALL	15	1/2	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>200</b>
BALL	15	1/2	3700 PSI	PUPSW	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>180</b>
BALL	15	1/2	3700 PSI	BW80	APV	FB 3P FS LO LD 1500CL INTEG CL VI	<b>WC9</b>	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>2</b>
BALL	15	1/2	3750 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 119NGT-G	<b>F51</b>	F51 TRIM DEVLON SEAT GRP PKG	<b>14</b>
BALL	15	1/2	5000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL T116NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>80</b>
BALL	15	1/2	5000 PSI	BW160PUP	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>70</b>
BALL	15	1/2	5000 PSI	BW80PUP	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>70</b>
BALL	15	1/2	5000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>120</b>
BALL	15	1/2	5000 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>100</b>
BALL	15	1/2	5000 PSI	PUPSWXNPT	STARLINE	SB 3P FS LO LD NACE 1500CL T215PGV-G	A105/LF2	316 TRIM <b>PEEK</b> SEAT GRP PKG	<b>20</b>
BALL	15	1/2	6000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>70</b>
BALL	15	1/2	6000 PSI	PUPBW160	STARLINE	FB 3P FS LO LD NACE 2500CL 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>22</b>
BALL	15	1/2	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	<b>CF8M</b>	316 TRIM DELRIN SEAT GRP PKG	<b>100</b>
BALL	15	1/2	6170 PSI	BW160	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>12</b>
BALL	15	1/2	6170 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>160</b>
BALL	15	1/2	6170 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>12</b>
BALL	15	1/2	6170 PSI	PUPPBEXXS	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>10</b>
BALL	15	1/2	6170 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM NYLON SEAT GRP PKG	<b>59</b>
BALL	15	1/2	6250 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 169NGV-G XYL	<b>F51</b>	F51 TRIM NYLON SEAT GRP PKG	<b>4</b>
BALL	15	1/2	11600 PSI	NPT	APV	SB 3P NF LO LD	<b>316</b>	316 TRIM <b>PEEK</b> SEAT GRP PKG	<b>2</b>
BALL	20	3/4	150 CL.	RFSF	STARLINE	FB 3P FL FS LO LD NACE 136*GS-G EXT STEM (OF	<b>316/L</b>	316L TRIM <b>PEEK/GRP/TEFZ/CGPTFE</b> SEAT	<b>6</b>
BALL	20	3/4	150 CL.	RF	APV	FB 2P FS LO LD SUPER AUSTENITIC	<b>904L</b>	904L TRIM RPTFE SEAT	<b>15</b>
BALL	20	3/4	150 CL.	RFSF	STARLINE	FB 2P FS LO LD NACE 175*GS-G	A105/LF2	316 TRIM <b>CGPTFE/PEEK/GRP</b> SEAT	<b>30</b>
BALL	20	3/4	150 CL.	RFSF	APV	FB 2P FS LO LD UNI-D CL VI	<b>A105N</b>	316L+ <b>STELL</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>73</b>
BALL	20	3/4	150 CL.	RF	APV	FB 2P FL FS LO LD CN7M	<b>A20</b>	A20 TRIM RPTFE SEAT	<b>18</b>
BALL	20	3/4	150 CL.	RFSF	APV	FB 2P FS LO LD	<b>A20</b>	A20 TRIM PTFE SEAT GRP PKG	<b>4</b>
BALL	20	3/4	150 CL.	RFSF	APV	FB 2P FS LO LD	<b>BRZ</b>	316 TRIM RPTFE SEAT PTFE PKG	<b>3</b>
BALL	20	3/4	150 CL.	RF	APV	FB 2P FS LO LD (5A)	<b>CE3MN</b>	SUPER DUPLEX RPTFE SEAT	<b>15</b>
BALL	20	3/4	150 CL.	RFSF	APV	FB 2P FS LO LD CL VI	<b>CF3M</b>	316L+ <b>STELL</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>10</b>
BALL	20	3/4	150 CL.	RFSF	APV	FB 2P FS LO LD NACE 515IIT	<b>CF8M</b>	316 TRIM PTFE/CGPTFE SEAT GRP PKG	<b>21</b>
BALL	20	3/4	150 CL.	RFSF	JC	RB 1P FS LO LD NACE 715IIT	<b>CF8M</b>	316 TRIM PTFE/CGPTFE SEAT GRP PKG	<b>5</b>
BALL	20	3/4	150 CL.	RF	APV	FB 2P FS LO LD MP CD3MN (4A)	<b>F51</b>	F51 TRIM RPTFE SEAT	<b>15</b>
BALL	20	3/4	150 CL.	RFSF	STARLINE	FB 2P FS LO LD NACE	<b>F51</b>	F51 TRIM PTFE SEAT GRP PKG	<b>6</b>
BALL	20	3/4	150 CL.	RF	APV	FB 2P FL FS (C276EQUIL)	HAST	RPTFE CW12MW BODY	<b>15</b>
BALL	20	3/4	150 CL.	RFSF	APV	FB 2P FS LO LD <b>EXT STEM</b> CL VI	LF2	316L+ <b>STELL</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>20</b>
BALL	20	3/4	150 CL.	RF	APV	FB 2P LO LD TI C2 & TIC5 FORGED	<b>TI</b>	TITANIUM (99TI/GR2/GR5/6AI-40/B367C5	<b>10</b>
BALL	20	3/4	150 CL.	RFSF	APV	RB 1P FS LO LD	WCB	316 TRIM PTFE SEAT GRP PKG	<b>16</b>
BALL	20	3/4	150 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 515AIT	WCB	316 TRIM CGPTFE SEAT GRP PKG	<b>30</b>

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	20	3/4	150 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 715AICG OFFSHORE SI	WCB	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	20	3/4	300 CL.	RFSF	STARLINE	FB 3P FS LO LD NACE 135*GS-G	A105/LF2	316 TRIM <b>CGPTFE/PEEK/GRP</b> SEAT	10
BALL	20	3/4	300 CL.	RFSF	STARLINE	FB 3P FS LO LD NACE 135*GS-G	A105/LF2	316 TRIM <b>CGPTFE/PEEK/GRP</b> SEAT	10
BALL	20	3/4	300 CL.	RFSF	APV	FB 2P FS LO LD CL VI	<b>A105N</b>	316L+ <b>STELL</b> TRIM <b>STELL</b> SEAT GRP PKG	3
BALL	20	3/4	300 CL.	RFSF	JC	FB 2P FS LO LD NACE 530IIT	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	45
BALL	20	3/4	300 CL.	RFSF	APV	RB 1P FS LO LD NACE	LCB	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	20	3/4	300 CL.	RFSF	APV	RB 3P FS LO LD <b>EXT STEM</b>	LF2	316 TRIM RTFE SEAT GRP PKG	35
BALL	20	3/4	300 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE	LF2	316 TRIM CGPTFE SEAT GRP PKG	60
BALL	20	3/4	300 CL.	RFSF	APV	FB 2P FS LO LD NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	30
BALL	20	3/4	300 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 730AICG	WCB	316 TRIM PTFE SEAT GRP PKG	50
BALL	20	3/4	300 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 730AICG	WCB	316 TRIM PTFE SEAT GRP PKG	50
BALL	20	3/4	500 PSI	BSP	FLOWTURN	FB 2P NF LO T BAR	<b>BRS</b>	316 TRIM PTFE SEAT PTFE PKG	106
BALL	20	3/4	600 CL.	RFSF X NPTF	STARLINE	FB 3P FS LO LD NACE 116SGS-G	<b>316</b>	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	40
BALL	20	3/4	600 CL.	RTJUC	STARLINE	FB 3P FS LO LD NACE 116SGS-G	<b>316</b>	316 TRIM CGPTFE SEAT GRP PKG	13
BALL	20	3/4	600 CL.	RFSF	STARLINE	FB 3P FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	90
BALL	20	3/4	600 CL.	RFSF X NPTF	STARLINE	FB 3P FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	100
BALL	20	3/4	600 CL.	RTJUC	STARLINE	FB 3P FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	180
BALL	20	3/4	600 CL.	RFSF	HINDLE	RB 1P FS LO LD DUPLEX	F44	INCOLOY TRIM NYLON SEAT GRP PKG	16
BALL	20	3/4	600 CL.	RFSF	HINDLE	RB 1P FS LO LD NACE	<b>F51</b>	F51 TRIM NYLON SEAT GRP PKG	6
BALL	20	3/4	600 CL.	RF	APV	FB 2P LO LD N-12MW	<b>HASTELLO</b>	RPTFE C276 EQUIVALENT	10
BALL	20	3/4	600 CL.	RFSF	ORSENIGO	FB 3P FS LO LD NACE CL VI	LF2	316 TRIM <b>STELL</b> SEAT GRP PKG	3
BALL	20	3/4	1000 PSI	NPT/SW	APV	FB 3P/2P TI C2/C5	<b>TITANIUM</b>	EQUIV CR2, 99TI B367C2, GR5 6AI-4V B367	25
BALL	20	3/4	1500 CL.	RTJUC	ORSENIGO	FB 3P FS LO LD <b>TM</b> NACE SI	<b>316</b>	316 TRIM PEEK SEAT VAED/GRP	12
BALL	20	3/4	1500 CL.	RFSF	MOGAS	FB 2P FS LO LD <b>TM</b>	<b>316/L</b>	316 TRIM <b>STELL</b> SEAT GRP PKG	3
BALL	20	3/4	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD 166*GV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	20
BALL	20	3/4	1500 CL.	RTJ X NPT	STARLINE	FB 3P FL FS LO LD NACE 165*GV-G	A105/LF2	316 TRIM DEVLON/PEEK SEAT GRP PKG	25
BALL	20	3/4	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	31
BALL	20	3/4	1500 CL.	BW160	APV	FB 3P FL FS LO LD CL VI INTEG	<b>F22</b>	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	1
BALL	20	3/4	1500 CL.	RTJUC	STARLINE	FB 3P FS LO LD NACE 169PGE-G XYLAN	<b>F51</b>	F51 TRIM PEEK SEAT GRP/E985	12
BALL	20	3/4	1500 CL.	RTJ	STARLINE	FB 3P FL FS LO LD NACE 165PGV-G	LF2	316 TRIM PEEK SEAT GRP PKG	17
BALL	20	3/4	1500 CL.	RTJUC	STARLINE	FB 3P FS LO LD <b>TM</b> NACE SI 105SGV	LF2	316 TRIM CGPTFE SEAT VAED/GRP	5
BALL	20	3/4	1500 CL.	RTJUC	SFEROVA	FB 3P FS LO LD <b>TM</b> NACE SI	LF2	316 TRIM RPTFE SEAT VAED/GRP	16
BALL	20	3/4	2000 PSI	NPT	APV	FB 3P FS LO LD 800CL	<b>316</b>	316 TRIM <b>STELL</b> SEAT GRP PKG	30
BALL	20	3/4	2000 PSI	BSP	SUPERSEAL	FB 3P NF LO LD	<b>304L</b>	304L TRIM PTFE SEAT PTFE PKG	25
BALL	20	3/4	2000 PSI	BSP	SUPERSEAL	FB 3P NF LO LD	<b>304L</b>	304L TRIM PTFE SEAT PTFE PKG	25
BALL	20	3/4	2000 PSI	NPT	SUPERSEAL	FB 3P NF LO LD	<b>304L</b>	304L TRIM PTFE SEAT PTFE PKG	25
BALL	20	3/4	2000 PSI	NPT	SUPERSEAL	FB 3P NF LO LD	<b>304L</b>	304L TRIM PTFE SEAT PTFE PKG	25
BALL	20	3/4	2000 PSI	NPT/SW/BSP	APV	FB 3P FS CD4MCUN DUPLEX	<b>904L/F44</b>	RPTFE F44 & 904L SUPER AUSTENETIC	25
BALL	20	3/4	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS <b>C/W DEADMAN LEVER</b>	A105/316	316 TRIM RPTFE SEAT	50
BALL	20	3/4	2000 PSI	BW40	APV	FB 3P FS LO LD 800CL INTEG	<b>CF8M</b>	316 TRIM RPTFE SEAT VAED/GRP	20
BALL	20	3/4	2000 PSI	NPT	APV	FB 2P FS LO LD 800CL	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP PKG	90
BALL	20	3/4	2000 PSI	NPT	APV	RB 1P FS LO LD NACE 800CL	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	100
BALL	20	3/4	2000 PSI	NPT	FLOWTURN	FB 2P NF <b>SPRING LEVER</b> DEADMAN	<b>CF8M</b>	316 TRIM RPTFE SEAT PTFE GRP	50
BALL	20	3/4	2000 PSI	NPT	APV	FB 3P FS LO LD ALLOY 20	<b>CN7M</b>	A20 TRIM PTFE SEAT PTFE PKG	40
BALL	20	3/4	2000 PSI	BW/NPT/SW/BAPV	APV	FB 3P FS CD3MN (4A)	<b>F51/F53</b>	CE3MN SUPER DUPLEX RPTFE	20
BALL	20	3/4	2000 PSI	BW/BSP/NPT/	APV	FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	20
BALL	20	3/4	2000 PSI	NPT	APV	FB 3P FS M35-1	<b>MONEL</b>	MONEL 400 TRIM RPTFE SEAT	20
BALL	20	3/4	2000 PSI	NPT	APV	FB 2P FS LO LD 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	160
BALL	20	3/4	2220 PSI	BSP	STARLINE	RB 3P FS LO LD NACE 900CL 236SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	200
BALL	20	3/4	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	95
BALL	20	3/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	200
BALL	20	3/4	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 236SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	300
BALL	20	3/4	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 236SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	150
BALL	20	3/4	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 236SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	150
BALL	20	3/4	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 236SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	150
BALL	20	3/4	2220 PSI	BSP	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	200
BALL	20	3/4	2220 PSI	BW160PUP	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	60
BALL	20	3/4	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	20
BALL	20	3/4	2220 PSI	BW80PUP	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	45
BALL	20	3/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGSG	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	860
BALL	20	3/4	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	1000
BALL	20	3/4	2220 PSI	NPTXSW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	660
BALL	20	3/4	2220 PSI	PUPPBE80	STARLINE	SB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	20	3/4	2220 PSI	PUPPBE80	STARLINE	SB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	20	3/4	2220 PSI	PUPPBE80	STARLINE	SB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	20	3/4	2220 PSI	PUPPBE80	STARLINE	SB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	20	3/4	2220 PSI	PUPPBE80	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	180
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	380
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	400
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	480
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	200

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	500
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	380
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	180
BALL	20	3/4	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	180
BALL	20	3/4	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	480
BALL	20	3/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 139SGS-L	F51	F51 TRIM CGPTFE SEAT GRP PKG	10
BALL	20	3/4	2500 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	7
BALL	20	3/4	2500 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 156NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	20	3/4	2500 CL	RTJUC	STARLINE	FB 3P FS LO LD NACE 169PGE-G	F51	316 TRIM PEEK SEAT GRP/E985	2
BALL	20	3/4	3700 PSI	BW80	APV	FB 3P FS LO LD 1500CL CL VI	304	316+TCC TRIM STELL SEAT GRP PKG	2
BALL	20	3/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD 1500CL EXT BONNET	316/L	316 TRIM KELF SEAT GRP PKG	12
BALL	20	3/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	110
BALL	20	3/4	3700 PSI	NPT	STARLINE	SB 3P FS LO LD 1500CL 216NGT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	NPT	STARLINE	SB 3P FS LO LD 1500CL 216NGT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	NPT	STARLINE	SB 3P FS LO LD 1500CL 216NGT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	NPT	STARLINE	SB 3P FS LO LD 1500CL 216NGT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	NPT	STARLINE	SB 3P FS LO LD 1500CL 216NGT-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	NPT	APV	FB 3P FS LO LD 1500CL CL VI	A105	316+STELL TRIM STELL SEAT GRP PKG	2
BALL	20	3/4	3700 PSI	BW160PUP	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	100
BALL	20	3/4	3700 PSI	BW160PUP	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	100
BALL	20	3/4	3700 PSI	BW160PUP	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	100
BALL	20	3/4	3700 PSI	BW160PUP	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	100
BALL	20	3/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 115PGS-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	400
BALL	20	3/4	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	600
BALL	20	3/4	3700 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	380
BALL	20	3/4	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115PGS-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	80
BALL	20	3/4	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM NYLON SEAT GRP PKG	200
BALL	20	3/4	3700 PSI	PUPPBE80	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM NYLON SEAT VITON GRP PKG	120
BALL	20	3/4	3700 PSI	NPT	APV	FB 2P FS LD LD NACE 1500CL	WCB	316 TRIM NYLON SEAT GRP PKG	60
BALL	20	3/4	3750 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 119NTT-G	F51	F51 TRIM DEVLON SEAT GRP PKG	16
BALL	20	3/4	4000 PSI	BW160PUP	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	70
BALL	20	3/4	4000 PSI	BW80PUP	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	60
BALL	20	3/4	4000 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	90
BALL	20	3/4	4000 PSI	PUPSWXNPT	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	98
BALL	20	3/4	4000 PSI	PUPSWXNPT	STARLINE	FB 3P FS LO LD NACE 1500CL T115PGV-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	100
BALL	20	3/4	4600 PSI	PUPSW	STARLINE	SB 3P FS LO LD NACE 1500CL T215PGV-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	37
BALL	20	3/4	5000 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	46
BALL	20	3/4	5000 PSI	PUPSWXNPT	STARLINE	SB 3P FS LO LD NACE 1500CL T215PGV-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	190
BALL	20	3/4	6000 PSI	BW160PUP	STARLINE	FB 3P FS LO LD NACE 2500CL 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	13
BALL	20	3/4	6000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	20	3/4	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	CF8M	316 TRIM DELRIN SEAT GRP PKG	100
BALL	20	3/4	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	WCB	316 TRIM DELRIN SEAT GRP PKG	160
BALL	20	3/4	6170 PSI	BW160PUP	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	11
BALL	20	3/4	6170 PSI	BWXXS	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	12
BALL	20	3/4	6170 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	50
BALL	20	3/4	6170 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	40
BALL	20	3/4	6170 PSI	PUPSWXNPT	STARLINE	FB 3P FS LO LD NACE 2500CL 166NGV-G	A105N	316 TRIM DEVLON SEAT GRP PKG	40
BALL	20	3/4	6250 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 169NGV-G XYL	F51	F51 TRIM DEVLON SEAT GRP PKG	2
BALL	25	1	150 CL	RFSF	STARLINE	FB 3P FL FS LO LD NACE 136*GS-G EXT STEM (OF	316/L	316L TRIM PEEK/GRP/TEFZ/CGPTFE SEAT	6
BALL	25	1	150 CL	RF	APV	FB 2P FS LO LD SUPER AUSTENITIC	904L	904L TRIM RPTFE SEAT	12
BALL	25	1	150 CL	RFSF	STARLINE	FB 2P FS LO LD NACE 179*GS-G	A105/LF2	316 TRIM CGPTFE/PEEK/GRP SEAT	160
BALL	25	1	150 CL	RFSF	APV	FB 2P FS LO LD CL VI	A105N	304+STELL TRIM STELL SEAT GRP PKG	50
BALL	25	1	150 CL	RFSF	APV	FB 2P FS LO LD NACE	A105N	316 TRIM PTFE SEAT GRP PKG	40
BALL	25	1	150 CL	RF	APV	FB 2P FL FS LO LD CN7M	A20	A20 TRIM RPTFE SEAT	16
BALL	25	1	150 CL	RFSF	APV	FB 2P LO LD NACE	A20	A20 TRIM PTFE SEAT PTFE PKG	8
BALL	25	1	150 CL	RFSF	APV	FB 2P NF LO LD	BRZ	316 TRIM RPTFE SEAT PTFE PKG	12
BALL	25	1	150 CL	RF	APV	FB 2P FS LO LD (5A)	CE3MN	SUPER DUPLEX RPTFE SEAT	15
BALL	25	1	150 CL	RFSF	NBV	FB 2P FS LO LD CL VI	CF3M	316+STELL TRIM STELL SEAT GRP PKG	7
BALL	25	1	150 CL	RFSF	APV	FB 2P FS LO LD	CF8	304 TRIM PTFE SEAT GRP/PTFE PKG	20
BALL	25	1	150 CL	UNDRILLRF	APV	FB 2P FS LO LD	CF8M	316 TRIM PTFE SEAT GRP/PTFE PKG	15
BALL	25	1	150 CL	RFSF	JC	FB 2P FS LO LD NACE 515IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	57
BALL	25	1	150 CL	RFSF	JC	RB 1P 2P FS LO LD NACE 715IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	8
BALL	25	1	150 CL	RF	APV	FB 2P FS LO LD MP CD3MN (4A)	F51	F51 TRIM RPTFE SEAT	15
BALL	25	1	150 CL	RFSF	STARLINE	FB 2P FS LO LD NACE 175SGS-G	F51	F51 TRIM RPTFE SEAT GRP PKG	4
BALL	25	1	150 CL	RF	APV	FB 2P FL FS LO LD (C276EQUIL)	HAST	RPTFE CW12MW BODY	20
BALL	25	1	150 CL	RFSF	STARLINE	FB 2P FL FS LO LD NACE 175SGS-G	LF2	316L TRIM CGPTFE SEAT GRP PKG	100
BALL	25	1	150 CL	UNDRILLRF	STARLINE	FB 3P FL FS LO LD NACE 135SGS-G	LF2	316L TRIM CGPTFE SEAT GRP PKG	8
BALL	25	1	150 CL	RF	APV	FB 2P FS LO LD M35-1	MONEL	MONEL 400 TRIM EQUIV RPTFE SEAT	10
BALL	25	1	150 CL	RFSF	APV	FB 2P FS LO LD	MONEL	MONEL TRIM PTFE SEAT PTFE PKG	7
BALL	25	1	150 CL	RF	APV	FB 2P LO LD TI C2 & TIC5 FORGED	TI	TITANIUM (99TI/GR2/GR5/6AI-40/B367C5	8
BALL	25	1	150 CL	RFSF	APV	FB 2P FS LO LD	WCB	316 TRIM RPTFE SEAT GRP PKG	50



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	25	1	150 CL.	RFSF	APV	RB 1P FS LO LD	WCB	316 TRIM RPTFE SEAT GRP PKG	20
BALL	25	1	150 CL.	RFSF	JC	FB 2P FS LO 316 LD 715AICG OFFSHORE SPEC	WCB	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	25	1	150 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 515AICG OFFSHORE S	WCB	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	25	1	150 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 715ATI OFFSHORE SPE	WCB	316 TRIM PTFE SEAT GRP PKG	45
BALL	25	1	300 CL.	RFSF	STARLINE	FB 2P FS LO LD NACE 135*GS-G	A105/LF2	316 TRIM PEEK/GRP/CPTE SEAT GRP PK	12
BALL	25	1	300 CL.	RFSF	STARLINE	FB 3P FS LO LD NACE 135SFS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	11
BALL	25	1	300 CL.	UNDRILLRF	APV	FB 2P FS LO LD	CF8M	316 TRIM PTFE SEAT PTFE PKG	6
BALL	25	1	300 CL.	RFSF	JC	FB 2P FS LO LD	CF8M	316 TRIM PTFE SEAT GRP PKG	15
BALL	25	1	300 CL.	UNDRILLRF	APV	FB 3P FS LO LD CL VI	F11	316+STELL TRIM STELL SEAT GRP PKG	1
BALL	25	1	300 CL.	RFSF	STARLINE	FB 3P FS LO LD NACE 119SGS	F51	316 TRIM CGPTFE SEAT GRP PKG	4
BALL	25	1	300 CL.	RFSF	APV	RB 1P FS LO LD NACE	LCB	316 TRIM RPTFE SEAT GRP PKG	18
BALL	25	1	300 CL.	RFSF	APV	RB 1P FS LO LD NACE	LCC	316 TRIM RPTFE SEAT GRP PKG	20
BALL	25	1	300 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE	LCC	316 TRIM RPTFE SEAT GRP PKG	20
BALL	25	1	300 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 530AIT OFFSHORE SPE	WCB	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	300 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 530AIT OFFSHORE SPE	WCB	316 TRIM PTFE SEAT GRP PKG	50
BALL	25	1	300 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 730AICG OFFSHORE SI	WCB	316 TRIM PTFE SEAT GRP PKG	80
BALL	25	1	600 CL.	RFSF X NPT	STARLINE	FB 3P FS LO LD NACE 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	25	1	600 CL.	RTJUC	STARLINE	FS 3P FS LO LD NACE 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	28
BALL	25	1	600 CL.	RFSF	STARLINE	FB 3P FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	25	1	600 CL.	RFSF	STARLINE	SB 3P FS LO LD NACE 215SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	600 CL.	RFSF	STARLINE	SB 3P FS LO LD NACE 215SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	600 CL.	RFSF	STARLINE	SB 3P FS LO LD NACE 215SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	600 CL.	RFSF	STARLINE	SB 3P FS LO LD NACE 215SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	600 CL.	RFSF	STARLINE	SB 3P FS LO LD NACE 215SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	600 CL.	RFSF X NPT	STARLINE	FB 3P FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	600 CL.	RTJUC	STARLINE	FB 3P FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	130
BALL	25	1	600 CL.	RTJUC	APV	FB 3P FS LO LD TM NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	14
BALL	25	1	600 CL.	RTJUC	SFEROVA	FB 3P FS LO LD TM NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	16
BALL	25	1	600 CL.	RFSF	APV	FB 2P FS LO LD	CF8M	316 TRIM RPTFE SEAT GRP PKG	14
BALL	25	1	600 CL.	RTJUC	STARLINE	FB 3P FS LO LD NACE 119SGS-G	F51	F51 TRIM CGPTFE SEAT GRP PKG	5
BALL	25	1	600 CL.	RFSF	ORSENIGO	FB 2P FS LO LD CL VI	LF2	316+STELL TRIM STELL SEAT GRP PKG	1
BALL	25	1	600 CL.	RFXBW80PUP	ORSENIGO	FB WB FS LO LD TM NACE SI	LF2	316 TRIM NYLON SEAT VAED/GRP	4
BALL	25	1	1000 PSI	NPT/SW	APV	FB 3P/2P TI C2/C5	TITANIUM	EQUIV CR2, 99TI B367C2, GR5 6AI-4V B367	25
BALL	25	1	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	316	316 TRIM RPTFE SEAT VAED/GRP	10
BALL	25	1	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	316	316 TRIM PEEK SEAT VAED/GRP	16
BALL	25	1	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	316	316 TRIM RPTFE SEAT VAED/GRP	16
BALL	25	1	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	316	316 TRIM PEEK SEAT VAED/GRP	16
BALL	25	1	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	316	316 TRIM RPTFE SEAT VAED/GRP	10
BALL	25	1	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 166*GV-G	316/L	316 TRIM PEEK/DEVLON SEAT GRP PKG	20
BALL	25	1	1500 CL.	RTJUC	APV	FB 3P FL FS LO LD NACE 165*GV-G	A105/LF2	316 TRIMRPTFE SEAT GRP PKG	60
BALL	25	1	1500 CL.	RTJ X NPT	STARLINE	FB 3P FL FS LO LD NACE 165*GV-G	A105/LF2	316 TRIM PEEK/DEVLON SEAT GRP PKG	40
BALL	25	1	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165*GV-G	A105/LF2	316 TRIM PEEK/DEVLON SEAT GRP PKG	80
BALL	25	1	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI	A105/LF2	316 TRIM PEEK SEAT VAED/GRP	30
BALL	25	1	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD 169NGE-G	F51	F51 TRIM PEEK SEAT GRP/E985	4
BALL	25	1	1500 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	F6A+TCC TRIM STELL SEAT GRP PKG	5
BALL	25	1	1500 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM PEEK SEAT VAED/GRP	36
BALL	25	1	1500 CL.	RTJ	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM PEEK SEAT VAED/GRP	41
BALL	25	1	2000 PSI	BW80	APV	FB 3P FS LO LD NACE 800CL	316	316 TRIM PTFE SEAT GRP PKG	20
BALL	25	1	2000 PSI	NPT	APV	FB 3P FS LO LD 800CL CLVI	316	316+STELL TRIM STELL SEAT	4
BALL	25	1	2000 PSI	NPT	APV	FB 2P FS LO LD NACE 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	298
BALL	25	1	2000 PSI	NPT	SUPERSEAL	FB 3P NF LO LD	304L	304L TRIM PTFE SEAT PTFE PKG	25
BALL	25	1	2000 PSI	NPT/SW/BSP	APV	FB 3P FS CD4MCUN DUPLEX	904L/F44	RPTFE F44 & 904L SUPER AUSTENETIC	20
BALL	25	1	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS C/W DEADMAN LEVER	A105/316	316 TRIM RPTFE SEAT	50
BALL	25	1	2000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 800CL 115GGG-G	A105N	316 TRIM GRP SEAT GRP PKG	10
BALL	25	1	2000 PSI	BSP	APV	FB 2P FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	80
BALL	25	1	2000 PSI	BSP	APV	RB 1P FS LO LD 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	80
BALL	25	1	2000 PSI	NPT	APV	FB 2P FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	160
BALL	25	1	2000 PSI	NPT	APV	RB 1P FS LO LD NACE 800CL	CF8M	316 TRIM PTFE SEAT GRP PKG	190
BALL	25	1	2000 PSI	NPT	FLOWTURN	FB 2P NF LO SPRING LEVER DEADMAN	CF8M	316 TRIM RPTFE SEAT PTFE PKG	70
BALL	25	1	2000 PSI	NPT	APV	FB 3P FS LO LD ALLOY 20	CN7M	A20 TRIM PTFE SEAT PTFE PKG	30
BALL	25	1	2000 PSI	BW/NPT/SW/BAPV	APV	FB 3P FS CD3MN (4A)	F51/F53	CE3MN SUPER DUPLEX RPTFE	20
BALL	25	1	2000 PSI	BW/BSP/NPT/:APV	APV	FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	20
BALL	25	1	2000 PSI	NPT	SFEROVA	FB 2P FS LO LD NACE 800CL CL VI	LF2	316 TRIM TCC SEAT STELL SEAT	3
BALL	25	1	2000 PSI	BSP	APV	FB 2P FS LO LD NACE 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	98
BALL	25	1	2000 PSI	NPT	APV	FB 3P FS LO LD NACE 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	60
BALL	25	1	2000 PSI	NPT	APV	RB 1P FS LO LD NACE 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	180
BALL	25	1	2200 PSI	NPT	SFEROVA	FB 2P FS LO LD NACE 900CL CL VI	316	316 TRIM TCC SEAT STELL SEAT	1
BALL	25	1	2220 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 900CL 136SGT-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	160
BALL	25	1	2220 PSI	BW160PUP	STARLINE	SB 3P FS LO LD NACE 900CL 236SGG-G	316/L	316 TRIM PEEK SEAT GRP PKG	40
BALL	25	1	2220 PSI	BW40	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	25	1	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	316/L	316 TRIM RPTFE SEAT GRP PKG	98
BALL	25	1	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 136SGT-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	190

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	25	1	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>130</b>
BALL	25	1	2220 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>230</b>
BALL	25	1	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>30</b>
BALL	25	1	2220 PSI	BW80	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>200</b>
BALL	25	1	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>1000</b>
BALL	25	1	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 215DGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>600</b>
BALL	25	1	2220 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>500</b>
BALL	25	1	2220 PSI	NPTXSW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>700</b>
BALL	25	1	2220 PSI	PUP80PBE	STARLINE	FB 3P FS LO LD NACE 900CL 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>130</b>
BALL	25	1	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>380</b>
BALL	25	1	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>380</b>
BALL	25	1	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>380</b>
BALL	25	1	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>380</b>
BALL	25	1	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	<b>480</b>
BALL	25	1	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 119NGS-G	<b>F51</b>	F51 TRIM CGPTFE SEAT GRP PKG	<b>12</b>
BALL	25	1	2500 CL.	RFSF	STARLINE	FB 3P FL FS LO LD NACE 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>3</b>
BALL	25	1	2500 CL.	RTJ	STARLINE	FB 3P FL FS LO LD NACE 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>4</b>
BALL	25	1	2500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>18</b>
BALL	25	1	2500 CL.	RTJ	ORSENIGO	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	<b>5</b>
BALL	25	1	3000 PSI	NPT	APV	FB 2P FS LO LD NACE	WCB	316 TRIM NYLON SEAT GRP PKG	<b>90</b>
BALL	25	1	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 116NTT-G	<b>316/L</b>	316 TRIM DEVLON SEAT PTFE PKG	<b>80</b>
BALL	25	1	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL <b>EXT BONNET</b>	<b>316/L</b>	316 TRIM TEFZEL SEAT GRP PKG	<b>6</b>
BALL	25	1	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 116NGS-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>30</b>
BALL	25	1	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>410</b>
BALL	25	1	3700 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>220</b>
BALL	25	1	3700 PSI	PUPPBE160	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G-6"	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>160</b>
BALL	25	1	3700 PSI	PUPPBE160	STARLINE	SB 3P FS LO LD NACE 1500CL 215NGG-G-6"	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>180</b>
BALL	25	1	3700 PSI	PUPPBE80	STARLINE	FB 3P FS LO LD NACE 1500CL 135NGS-G-6"	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>170</b>
BALL	25	1	3700 PSI	PUPPBEXXS	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G-6"	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>30</b>
BALL	25	1	3700 PSI	NPT	APV	FB 3P FS LO LD NACE 1500CL	<b>CF8M</b>	316 TRIM NYLON SEAT GRP PKG	<b>70</b>
BALL	25	1	3700 PSI	BW160	ORSENIGO	FB 3P FS LO LD 1500CL CL VI	<b>F22</b>	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>2</b>
BALL	25	1	3700 PSI	NPT	SFEROVA	FB 2P FS LO LD 1500CL CL VI	LF2	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	<b>2</b>
BALL	25	1	3750 PSI	NPT	STARLINE	SB 3P FS LO LD NACE 1500CL 219NGS-G	<b>F51</b>	F51 TRIM NYLON SEAT GRP PKG	<b>10</b>
BALL	25	1	4000 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>98</b>
BALL	25	1	4600 PSI	BW160PUP	STARLINE	FB 3P FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>40</b>
BALL	25	1	4600 PSI	PUPSWXNPT	STARLINE	SB 3P FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>60</b>
BALL	25	1	6000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 166NGV-G	<b>316/L</b>	316 TRIM <b>DELTRIN</b> SEAT GRP PKG	<b>70</b>
BALL	25	1	6000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 166PGV-G	<b>316/L</b>	316 TRIM <b>PEEK</b> SEAT GRP PKG	<b>70</b>
BALL	25	1	6000 PSI	PUPXXS	STARLINE	FB 2P FS LO LD NACE 2500CL 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	<b>16</b>
BALL	25	1	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	<b>CF8M</b>	316 TRIM DELTRIN SEAT GRP PKG	<b>130</b>
BALL	25	1	6000 PSI	NPT	APV	FB 3P FS LO LD NACE 2500CL	WCB	316 TRIM DELTRIN SEAT GRP PKG	<b>160</b>
BALL	25	1	6170 PSI	BW160PUP	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>14</b>
BALL	25	1	6170 PSI	BWXXSPUP	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>22</b>
BALL	25	1	6170 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>200</b>
BALL	25	1	6170 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>70</b>
BALL	25	1	6170 PSI	PUPSWXNPT	STARLINE	FB 3P FS LO LD NACE 2500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>50</b>
BALL	25	1	6250 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 2500CL 169NGE-G XYLAN	<b>F51</b>	F51 TRIM DEVLON SEAT GRP/E985	<b>8</b>
BALL	32	1 1/4	1000 PSI	NPT	APV	RB 1P NF LO LD	<b>316</b>	316 TRIM PTFE SEAT PTFE PKG	<b>32</b>
BALL	32	1 1/4	1000 PSI	BW40	FLOWTURN	FB 3P NF LO LD	<b>316</b>	316 TRIM PTFE SEAT PTFE PKG	<b>34</b>
BALL	32	1 1/4	2000 PSI	NPT	FLOWTURN	FB 2P NF LO <b>SPRING LEVER</b> DEADMAN	<b>316</b>	316 TRIM PTFE SEAT PTFE PKG	<b>20</b>
BALL	32	1 1/4	2000 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 800CL 135SGS-6	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	<b>80</b>
BALL	32	1 1/4	2000 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 800CL 126SGV-G	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	<b>40</b>
BALL	32	1 1/4	2000 PSI	SW	STARLINE	SB 3P FS LO LD NACE 800CL 226SGV-G	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	<b>40</b>
BALL	32	1 1/4	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS <b>C/W DEADMAN LEVER</b>	A105/316	316 TRIM RPTFE SEAT	<b>50</b>
BALL	32	1 1/4	2000 PSI	BSP	STARLINE	SB 3P FS LO LD NACE 800CL 235RGR-G	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	<b>35</b>
BALL	32	1 1/4	2000 PSI	SW	STARLINE	FB 3P FS LO LD NACE 800CL 135SGS-G	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	<b>60</b>
BALL	32	1 1/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	<b>316/L</b>	316 TRIM CGPTFE SEAT GRP PKG	<b>14</b>
BALL	32	1 1/4	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	<b>76</b>
BALL	32	1 1/4	3000 PSI	NPT	STARLINE	FB 3P FS LO LD <b>EXT STEM</b> 166NGT-G	<b>316/L</b>	316 TRIM TEFZEL SEAT GRP PKG	<b>6</b>
BALL	32	1 1/4	3000 PSI	SW	STARLINE	FB 3P FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>8</b>
BALL	32	1 1/4	4000 PSI	NPT	STARLINE	FB 3P FS NACE LO LD T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	<b>24</b>
BALL	32	1 1/4	6000 PSI	NPT	SFEROVA	FB 2P FS LO LD NACE 2500CL	A105/LF2	316 TRIM DELTRIN SEAT GRP PKG	<b>12</b>
BALL	40	1 1/2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD EXT STEM 176*GT-G (OPT)	<b>316/L</b>	316 TRIM CGPTFE/ PTFE/PEEK/TEFZ SEAT	<b>2</b>
BALL	40	1 1/2	150 CL.	RF	APV	FB 2P FS LO LD SUPER AUSTENITIC	<b>904L</b>	904L TRIM RPTFE SEAT	<b>8</b>
BALL	40	1 1/2	150 CL.	RF	APV	FB 2P FL FS LO LD CN7M	<b>A20</b>	A20 TRIM RPTFE SEAT	<b>14</b>
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 2P FS LO LD <b>CN3MCU</b>	<b>A20</b>	A20 TRIM PTFE SEAT PTFE PKG	<b>12</b>
BALL	40	1 1/2	150 CL.	FF	APV	FB 2P FS LO LD	<b>BRZ</b>	316 TRIM PTFE SEAT PTFE PKG	<b>8</b>
BALL	40	1 1/2	150 CL.	RF	APV	FB 2P FS LO LD (5A)	<b>CE3MN</b>	SUPER DUPLEX RPTFE SEAT	<b>10</b>
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 2P FS LO LD CL VI	<b>CF3M</b>	316L+ <b>STELL</b> TRIM <b>STELL</b> SEAT	<b>5</b>
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 2P FS LO LD	<b>CF8</b>	304 TRIM PTFE SEAT PTFE PKG	<b>14</b>
BALL	40	1 1/2	150 CL.	RFSF	APV	RB 1P FS LO LD <b>JACKETED</b> CL VI	<b>CF8</b>	304+ <b>STELL</b> TRIM <b>STELL</b> SEAT	<b>7</b>

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 2P FS LO LD SLFSBV01	CF8M	316 TRIM PTFE SEAT GRP/PKG	10
BALL	40	1 1/2	150 CL.	UNDRILLRF	APV	FB 2P FS LO LD SLFSBV01	CF8M	316 TRIM PTFE SEAT PTFE/grp PKG	10
BALL	40	1 1/2	150 CL.	RFSF	JC	FB 2P FS LO LD 151IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	6
BALL	40	1 1/2	150 CL.	RFSF	ITT	RB 2P LO LD PTFE LINED	CSTFE	PTFE BALL PTFE SEAT SS BELLOWS	3
BALL	40	1 1/2	150 CL.	RF	APV	FB 2P FS LO LD MP CD3MN (4A)	F51	F51 TRIM RPTFE SEAT	10
BALL	40	1 1/2	150 CL.	RFSF	HINDLE	RB 1P FS LO LD NACE	F51	INCOL TRIM NYLON SEAT GRP PKG	9
BALL	40	1 1/2	150 CL.	RF	APV	FB 2P FL FS (C276EQUIL)	HAST	RPTFE CW12MW BODY	10
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 3P FS TM LO LD DBB	LF2	316 TRIM 316 + RPTFE SEAT GRP/VAED	4
BALL	40	1 1/2	150 CL.	RFSF	STARLINE	FB 2P FS LO LD 175*GV-G	LF2	316 TRIM CGPTFE/PEEK/GRP SEAT GRP P	36
BALL	40	1 1/2	150 CL.	RF	APV	FB 2P LO LD TI C2 & TIC5 FORGED	TI	TITANIUM (99TI/GR2/GR5/6AI-40/B367C5	6
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 2P FS LO LD CL VI UNI-D	WCB	304+STELL TRIM STELL SEAT	35
BALL	40	1 1/2	150 CL.	RFSF	APV	FB 2P FS LO LD NACE SLFSBV01	WCB	316 TRIM PTFE SEAT GRP PKG	50
BALL	40	1 1/2	150 CL.	UNDRILLRF	APV	FB 2P FS LO LD NACE	WCB	316 TRIM PTFE SEAT GRP PKG	20
BALL	40	1 1/2	150 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 715AICG OFFSHORE SF	WCB	316 TRIM CGPTFE SEAT GRP PKG	80
BALL	40	1 1/2	150 CL.	RFSF	JC	SB 1P FS LO 316 LD NACE 715AICG OFFSHORE SF	WCB	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	40	1 1/2	150 CL.	RFSF	JC	SB 1P FS LO 316 LD NACE 715AIT OFFSHORE SPE	WCB	316 TRIM PTFE SEAT GRP PKG	40
BALL	40	1 1/2	300 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 116*GT-G EXT STEM (OPT)	316/L	316 TRIM PEEK/TEFZ/PTFE/GRP SEAT	3
BALL	40	1 1/2	300 CL.	RFSF	STARLINE	FB 3P FS LO 316 LD 136SGS-G EXT BONNET	316/L	316 TRIM KELF SEAT GRP PKG	3
BALL	40	1 1/2	300 CL.	RFSF	STARLINE	FB 3P FS LO LD 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	36
BALL	40	1 1/2	300 CL.	RFSF	APV	RB 1P FS LO LD JACKETED	CF3M	316L+STELL TRIM STELL SEAT	5
BALL	40	1 1/2	300 CL.	RFSF	APV	FB 2P FS LO LD 530IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	10
BALL	40	1 1/2	300 CL.	RFSF	JC	FB 2P FS LO LD 530IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	20
BALL	40	1 1/2	300 CL.	RFSF	STARLINE	FB 3P FS LO LD 119SGS	F51	F51 TRIM CGPTFE SEAT GRP PKG	2
BALL	40	1 1/2	300 CL.	RFSF	APV	FB 2P FS LO LD NACE SLFSBV01	WCB	316 TRIM PTFE SEAT GRP PKG	32
BALL	40	1 1/2	300 CL.	UNDRILLRF	APV	FB 2P FS LO LD NACE SLFSBV01	WCB	316 TRIM PTFE SEAT GRP PKG	12
BALL	40	1 1/2	300 CL.	RFSF	JC	FB 2P FS LO 316 LD NACE 530AICG OFFSHORE SF	WCB	316 TRIM CGPTFE SEAT GRP PKG	60
BALL	40	1 1/2	300 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 730AICG OFFSHORE SI	WCB	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	40	1 1/2	600 CL.	RFSF X NPT	STARLINE	FB 3P FL FS LO LD NACE 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	40	1 1/2	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	28
BALL	40	1 1/2	600 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	7
BALL	40	1 1/2	600 CL.	RFSF X NPT	STARLINE	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	40	1 1/2	600 CL.	RTJ	STARLINE	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	40	1 1/2	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	90
BALL	40	1 1/2	600 CL.	RFSF	ORSENIGO	FB 3P TM FS LO LD NACE SI	F51	F51 TRIM RPTFE SEAT VAED/GRP	3
BALL	40	1 1/2	600 CL.	RFSF	STARLINE	FB 2P FL FS LO LD NACE 119SGS-G	F51	F51 TRIM CGPTFE SEAT VAED/GRP	4
BALL	40	1 1/2	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 119SGS-G	F51	F51 TRIM CGPTFE SEAT GRP PKG	2
BALL	40	1 1/2	600 CL.	BW	APV	FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	15
BALL	40	1 1/2	1000 PSI	NPT/SW	APV	FB 3P/2P TI C2/C5	TITANIUM	EQUIV CR2, 99TI B367C2, GR5 6AI-4V B367	15
BALL	40	1 1/2	1500 CL.	RFSF	ORSENIGO	FB 2P FL FS LO LD CL VI UNI-D	316/L	316+TCC TRIM STELL SEAT	1
BALL	40	1 1/2	1500 CL.	PUPPBE160	STARLINE	FB 3P FL FS LO LD NACE 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	8
BALL	40	1 1/2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	8
BALL	40	1 1/2	1500 PSI	NPT/SW/BSP	APV	SUPER AUSTENITIC	904L/F44	904L TRIM RPTFE SEAT	12
BALL	40	1 1/2	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	316 TRIM CGPTFE SEAT VGLT/ED GRP	12
BALL	40	1 1/2	1500 CL.	RTJ X NPT	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	40	1 1/2	1500 CL.	RFSF	APV	FB 3P FL FS LO LD NACE	A105N	316 TRIM RPTFE SEAT GRP PKG	20
BALL	40	1 1/2	1500 PSI	NPT	APV	FB 3P FS LO LD ALLOY 20	CN7M	A20 TRIM PTFE SEAT PTFE PKG	15
BALL	40	1 1/2	1500 CL.	BW160	ORSENIGO	FB 3P FL FS LO LD CL VI	F22	316+TCC TRIM STELL SEAT	1
BALL	40	1 1/2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 119NGS-G	F51	F51 TRIM DEVLON SEAT GRP PKG	1
BALL	40	1 1/2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 169NGE-G	F51	F51 TRIM DEVLON SEAT GRP/E985	1
BALL	40	1 1/2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD NACE 106NGE-G	F51	F51 TRIM DEVLON SEAT GRP/E985	1
BALL	40	1 1/2	1500 PSI	NPT/SW/BSP	APV	FB 3P FS CD3MN (4A)	F51/F53	CE3MN SUPER DUPLEX & F44 DUPLEX RPT	15
BALL	40	1 1/2	1500 PSI	BW/BSP/NPT/:	APV	FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	15
BALL	40	1 1/2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	LF2	316 TRIM DEVLON SEAT GRP PKG	60
BALL	40	1 1/2	2000 PSI	NPT	APV	FB 3P FS LO LD NACE 800CL CL VI	304	316+TCC TRIM STELL SEAT GRP PKG	1
BALL	40	1 1/2	2000 PSI	NPT	APV	FB 3P FS LO LD NACE 800CL CL VI	316	316+TCC TRIM STELL SEAT GRP PKG	2
BALL	40	1 1/2	2000 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 800CL 126RRR	316/L	316 TRIM PTFE SEAT PTFE PKG	50
BALL	40	1 1/2	2000 PSI	BW160	STARLINE	SB 3P FS LO LD NACE 800CL 226SGV-G	316/L	316 TRIM RPTFE SEAT GRP PKG	40
BALL	40	1 1/2	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS C/W DEADMAN SRLEVER	A105/316	316 TRIM RPTFE SEAT	50
BALL	40	1 1/2	2000 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 800CL 133SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	40	1 1/2	2000 PSI	BSP	APV	FB 2P FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	100
BALL	40	1 1/2	2000 PSI	NPT	APV	FB 2P FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	150
BALL	40	1 1/2	2000 PSI	PUPPSW	APV	FB 2P FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	60
BALL	40	1 1/2	2000 PSI	NPT	APV	FB 3P FS LO LD NACE 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	90
BALL	40	1 1/2	2220 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 900CL 136RRR-G	316/L	316 TRIM RPTFE SEAT PTFE PKG	90
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 136RRR-G	316/L	316 TRIM RPTFE SEAT PTFE PKG	10
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 136RRR-G	316/L	316 TRIM RPTFE SEAT PTFE PKG	10
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 136RRR-G	316/L	316 TRIM RPTFE SEAT PTFE PKG	10
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 136RRR-G	316/L	316 TRIM RPTFE SEAT PTFE PKG	10
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD 900CL EXT STEM L TEMP	316/L	316 TRIM TEFZEL SEAT GRP PKG	9
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	98
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	RB 3P FS LO LD NACE 900CL 116SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	40	1 1/2	2220 PSI	PUPPBE80	STARLINE	FB 3P FS LO LD NACE 900CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	35
BALL	40	1 1/2	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 136SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	98
BALL	40	1 1/2	2220 PSI	BSP	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	95
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	10
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	10
BALL	40	1 1/2	2220 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	10
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 115PGS-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	100
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 115PGS-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	100
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 115PGS-G	A105/LF2	316 TRIM PEEK SEAT GRP PKG	100
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 115SGS-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	200
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	50
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	50
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	50
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	50
BALL	40	1 1/2	2220 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	80
BALL	40	1 1/2	2220 PSI	PUPPBE80	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	110
BALL	40	1 1/2	2220 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	98
BALL	40	1 1/2	2220 PSI	SW	STARLINE	FB 3P FS LO LD NACE 900CL 135SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	220
BALL	40	1 1/2	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	200
BALL	40	1 1/2	2220 PSI	SW	STARLINE	SB 3P FS LO LD NACE 900CL 235SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	200
BALL	40	1 1/2	2500 CL.	RTJ	APV	FB 2P FL FS LO LD NACE	316	316 TRIM PTFE SEAT GRP PKG	1
BALL	40	1 1/2	2500 CL.	RTJ	STARLINE	FB 3P <b>TM</b> FS LO LD NACE SI 105NGV-G	LF2	316 TRIM DEVLON SEAT VAED/GRP	10
BALL	40	1 1/2	3700 PSI	BW160	APV	FB 2P FS LO LD CL VI 1500CL INTEG	304	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	1
BALL	40	1 1/2	3700 PSI	NPT	APV	FB 2P FS LO LD CL VI 1500CL	F22	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	1
BALL	40	1 1/2	3700 PSI	BW80	STARLINE	FB 3P FS LO LD NACE 1500CL 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	12
BALL	40	1 1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 166NGV-G	316/L	316 TRIM DEVLON SEAT GRP PKG	35
BALL	40	1 1/2	3700 PSI	BW160PUP	STARLINE	SB 2P FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	40	1 1/2	3700 PSI	BW80PUP	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	16
BALL	40	1 1/2	3700 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	50
BALL	40	1 1/2	3700 PSI	PBE160PUP	STARLINE	FB 3P FS LO LD NACE 1500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	40	1 1/2	3700 PSI	PUPPBE160	STARLINE	SB 3P FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	40	1 1/2	3700 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 1500CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	30
BALL	40	1 1/2	3700 PSI	PUPSW	STARLINE	FB 3P FS LO LD NACE 1500CL T165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	35
BALL	40	1 1/2	3700 PSI	BSP	APV	FB 2P FS LO LD NACE 1500CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	26
BALL	40	1 1/2	3700 PSI	NPT	APV	FB 2P FS LO LD NACE 1500CL	CF8M	316 TRIM DEVLON SEAT GRP PKG	39
BALL	40	1 1/2	3700 PSI	BW160	APV	FB 2P FS LO LD CL VI 1500CL INTEG	F22	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	2
BALL	40	1 1/2	3750 PSI	NPT	STARLINE	FB 3P FS LO LD NACE 1500CL 169NGV-G XYL	F51	F51 TRIM DEVLON SEAT GRP PKG	5
BALL	40	1 1/2	6000 PSI	PUPSW	APV	FB 2P FS LO LD NACE 2500CL	316	316 TRIM NYLON SEAT GRP PKG	5
BALL	40	1 1/2	6000 PSI	NPT	SFEROVA	FB 2P FS LO LD NACE 2500CL	316	316 TRIM DELRIN SEAT GRP/VITON	20
BALL	40	1 1/2	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	WCB	316 TRIM DELRIN SEAT GRP PKG	35
BALL	40	1 1/2	6000 PSI	NPT	APV	FB 2P FS LO LD NACE 2500CL	WCB	316 TRIM DELRIN SEAT GRP PKG	35
BALL	40	1 1/2	6170 PSI	PUPPBEXXS	SFEROVA	FB 2P FS LO LD NACE 2500CL INTEG	316/L	316 TRIM DELRIN SEAT GRP/VITON	8
BALL	40	1 1/2	6170 PSI	PUPPBEXXS	SFEROVA	FB 2P FS LO LD NACE 2500CL INTEG	A105	316 TRIM DELRIN SEAT GRP PKG	5
BALL	40	1 1/2	TABLE E	UNDRILLFF	SUPERSEAL	FB 2P NF LO LD	CF8M	316 TRIM PTFE SEAT PTFE PKG	7
BALL	50	1 1/2	2000 PSI	BSP	SUPERSEAL	FB 3P FL NF LO LD	304	304 TRIM PTFE SEAT PTFE PKG	11
BALL	50	1 1/2	2000 PSI	NPT	SUPERSEAL	FB 3P FL NF LO LD	304	304 TRIM PTFE SEAT PTFE PKG	11
BALL	50	1 1/2	2000 PSI	SW	SUPERSEAL	FB 3P FL NF LO LD	304	304 TRIM PTFE SEAT PTFE PKG	11
BALL	50	2	125 CL.	FF	SUPERSEAL	FB 2P FL LO LD	CI	316 TRIM PTFE SEAT PTFE GRP	36
BALL	50	2	150 CL.	RFSF	APV	RB 1P FL FS LO <b>EXT BONNET</b> CRYO	316	316 TRIM KELF SEAT GRP PKG	2
BALL	50	2	150 CL.	RFSF	SFEROVA	FB 2P <b>TM</b> FS LO LD NACE SI	316	316 TRIM RPTFE SEAT VAED/GRP	2
BALL	50	2	150 CL.	RFSF	APV	RB 1P FL FS LO LD NACE	WCB	316 TRIM PTFE SEAT GRP PKG	30
BALL	50	2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD EXT STEM 176*GT-G (OPT)	316/L	316 TRIM CGPTFE/ PTFE/PEEK TEFZ SEAT	5
BALL	50	2	150 CL.	RF	APV	FB 2P FL FS	904L	904L TRIM RPTFE SEAT	5
BALL	50	2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 175SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	40
BALL	50	2	150 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED/GRP	20
BALL	50	2	150 CL.	RFSF	OMB	FB 2P FL FS LO LD	A105N	TCC TRIM <b>TCC</b> SEAT GRP PKG	1
BALL	50	2	150 CL.	RF	APV	FB 2P FL FS LO LD	A20	A20 TRIM RPTFE SEAT	10
BALL	50	2	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE CN7M	A20	A20 TRIM PTFE SEAT PTFE PKG	8
BALL	50	2	150 CL.	RF	APV	FB 2P FL FS LO LD (5A)	CE3MN	SUPER DUPLEX RPTFE SEAT	8
BALL	50	2	150 CL.	RFSF	APV	FB 2P FL FS LO LD	CF8	304 TRIM PTFE SEAT GRP PKG	28
BALL	50	2	150 CL.	RFSF	NBV	RB 1P FL FS LO LD <b>JACKETED</b>	CF8	316+ <b>STELL</b> TRIM <b>STELL</b> SEAT GRP PKG	11
BALL	50	2	150 CL.	RFSF	APV	FB 2P FL FS LO LD	CF8M	316 TRIM PTFE SEAT GRP/PTFE PKG	50
BALL	50	2	150 CL.	RFSF	APV	RB 1P FL FS LO <b>SLFSBV02</b>	CF8M	316 TRIM PTFE SEAT GRP PKG	12
BALL	50	2	150 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD SLFSBV01	CF8M	316 TRIM PTFE SEAT PTFE PKG	20
BALL	50	2	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 515IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	75
BALL	50	2	150 CL.	RFSF	JC	RB 1P FL FS LO LD NACE 715IIT	CF8M	316 TRIM PTFE SEAT GRP PKG	10
BALL	50	2	150 CL.	UNDRILLRF	ATOMAC	FB 2P FL NF LO <b>PFA LINED</b>	DITFE	PTFE BALL PTFE SEAT PTFE PKG	4
BALL	50	2	150 CL.	RF	APV	FB 2P FL FS LO LD	F51	F51 TRIM RPTFE SEAT	8
BALL	50	2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 179SGS-G XYLAN	F51	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	4
BALL	50	2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 179SGS-G XYLAN	F51	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	4
BALL	50	2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD NACE 179SGS-G	F51	F51 TRIM CGPTFE SEAT GRP PKG	4



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	50	2	150 CL.	RF	APV	FB 2P FL FS (C276EQUIL)	HAST	RPTFE CW12MW BODY	5
BALL	50	2	150 CL.	RFSF	JC	FB 3P <b>TM</b> FS LO NACE SI6015	LF2	316 TRIM PTFE SEAT VAED/GRP	13
BALL	50	2	150 CL.	RFSF	SFEROVA	FB 2P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	7
BALL	50	2	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 175*GS-G	LF2	316 TRIM <b>GRP</b> OR <b>PEEK</b> SEAT GRP PKG	20
BALL	50	2	150 CL.	RF	APV	FB 2P FL FS LO LD	<b>MONEL</b>	MONEL 400 TRIM EQUIV RPTFE SEAT	6
BALL	50	2	150 CL.	RF	APV	FB 2P FL LO LD	<b>TI</b>	TITANIUM (99TI/GR2/GR5/6AI-40/B367C5	5
BALL	50	2	150 CL.	RFSF	APV	FB 2P FL FS LO LD	WCB	316+ <b>STELL</b> TRIM <b>STELL</b> SEAT GRP PKG	4
BALL	50	2	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	WCB	316 TRIM PTFE SEAT GRP PKG	130
BALL	50	2	150 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD	WCB	316TRIM <b>CP</b> TFE SEAT GRP PKG	20
BALL	50	2	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AICG OFFSHORE	WCB	316 TRIM CGPTFE SEAT GRP PKG	250
BALL	50	2	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AIT OFFSHORE S	WCB	316 TRIM PTFE SEAT GRP PKG	200
BALL	50	2	150 CL.	RFSF	JC	RB 1P FL FS LO 316 LD NACE 715AIT OFFSHORE S	WCB	316 TRIM PTFE SEAT GRP PKG	80
BALL	50	2	300 CL.	RFSF	PERRIN	FB 2P FL LO LD	<b>316</b>	CERAMIC TRIM <b>CERAMIC</b> SEAT	1
BALL	50	2	300 CL.	RFSF	ORSENIGO	FB 3P <b>TM</b> FS LO LD NACE	<b>316/L</b>	316 TRIM PTFE SEAT VAED/GRP	1
BALL	50	2	300 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 176*GS-G EXT STEM (OPT)	<b>316/L</b>	316 TRIM CGPTFE/PTFE/PEEK SEAT	3
BALL	50	2	300 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 175*GS-G	A105/LF2	316 TRIM <b>GRP</b> OR <b>PEEK</b> SEAT GRP PKG	7
BALL	50	2	300 CL.	RFSF	STARLINE	FB 2P FL FS LO LD 175SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	20
BALL	50	2	300 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE 105SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	7
BALL	50	2	300 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE 105SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	7
BALL	50	2	300 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE 105SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	7
BALL	50	2	300 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE 105SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	12
BALL	50	2	300 CL.	RFSF	PBVS	RB 2P <b>TM</b> FS LO <b>EXT STEM</b>	A105N	F6A+ <b>TCC</b> TRIM <b>TCC</b> SEAT GRP/THERB	2
BALL	50	2	300 CL.	RFSF	SFEROVA	FB 2P <b>TM</b> FS LO LD NACE SI	A105N	316 TRIM RPTFE SEAT VAED/GRP	48
BALL	50	2	300 CL.	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	<b>CF8</b>	304 TRIM PTFE SEAT GRP PKG	7
BALL	50	2	300 CL.	RFSF	APV	FB 2P FL FS LO <b>EXT BONNET</b> CRYO	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	1
BALL	50	2	300 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	14
BALL	50	2	300 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 530IIT	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	26
BALL	50	2	300 CL.	RFSF	APV	RB 1P FL FS LO LD SLFSBV02	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	8
BALL	50	2	300 CL.	RFSF	APV	FB 2P FL FS LO LD	<b>F51</b>	F51 TRIM PTFE SEAT GRP PKG	2
BALL	50	2	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530LIT OFFSHORE S	LCC	316 TRIM PTFE SEAT GRP PKG	20
BALL	50	2	300 CL.	RFSF	JC	RB 1P FL FS LO 316 LD NACE	LCC	316 TRIM CGPTFE SEAT GRP PKG	20
BALL	50	2	300 CL.	RFSF	JC	FB 3P <b>TM</b> FS LO LD NACE 6030	LF2	316 TRIM RPTFE SEAT E985/GRP	20
BALL	50	2	300 CL.	RFSF	APV	FB 2P FL FS LO LD SLFSBV01	WCB	316 TRIM PTFE SEAT GRP PKG	70
BALL	50	2	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530AICG OFFSHORE	WCB	316 TRIM CGPTFE SEAT GRP PKG	100
BALL	50	2	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530AIT	WCB	316 TRIM PTFE SEAT GRP PKG	125
BALL	50	2	300 CL.	RFSF	JC	FB 2P FL FS LO LD NACE	WCB	316 TRIM PTFE SEAT E985/GRP	50
BALL	50	2	600 CL.	RFSF	JC	FB 3P <b>TM</b> FS LO LD NACE SI	<b>316</b>	316 TRIM CPTFE SEAT VAED/GRP	10
BALL	50	2	600 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	<b>316</b>	316 TRIM CPTFE SEAT VGLT/ED GRP	10
BALL	50	2	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 116*GS-G	<b>316/L</b>	316 TRIM CGPTFE/ <b>PEEK/GRP</b> SEAT	51
BALL	50	2	600 CL.	RFSF	APV	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	30
BALL	50	2	600 CL.	RFSF	APV	FB 3P <b>TM</b> FS LO LD NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	100
BALL	50	2	600 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO ( <b>316</b> ) LD NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VGLT/ED GRP	100
BALL	50	2	600 CL.	RFSF	STARLINE	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	105
BALL	50	2	600 CL.	RFSFXNPT	STARLINE	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	50
BALL	50	2	600 CL.	RTJ	STARLINE	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	60
BALL	50	2	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 115*GS-G	A105/LF2	316 TRIM CGTFE/ <b>PEEK/GRP</b> SEAT	100
BALL	50	2	600 CL.	RTJUC	STARLINE	FB 3P <b>TM</b> FS LO LD NACE SI 105SGE-G	A105/LF2	316 TRIM CGPTFE SEAT E985/GRP	100
BALL	50	2	600 CL.	RTJUC	STARLINE	<b>RB</b> 3P <b>TM</b> FS LO LD NACE SI 205SGV-G	A105/LF2	316 TRIM CGPTFE SEAT FR58/90/GRP	30
BALL	50	2	600 CL.	RFSF	APV	FB 2P FL FS LO LD	<b>CF8</b>	304 TRIM PTFE SEAT GRP PKG	4
BALL	50	2	600 CL.	RFSF	APV	FB 2P FL FS LO LD NACE	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP PKG	18
BALL	50	2	600 CL.	RFSF	APV	FB 2P <b>TM</b> FS LO LD NACE	<b>CF8M</b>	316 TRIM RPTFE SEAT VGLT/ED GRP	5
BALL	50	2	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 119SGS-G	<b>F51</b>	F51 TRIM CGPTFE SEAT GRP PKG	3
BALL	50	2	600 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE SI 109SGV XYLAN	<b>F51</b>	F51 TRIM PEEK SEAT VAED/GRP	2
BALL	50	2	600 CL.	RFSF	STARLINE	FB 3P <b>TM</b> FS LO LD NACE SI *109SGV XYLAN	<b>F51</b>	F51 TRIM RPTFE SEAT VAED/GRP	4
BALL	50	2	600 CL.	BW	APV	FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	10
BALL	50	2	600 CL.	BW80	JC	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VAED/GRP	30
BALL	50	2	600 CL.	RFXBW80PUP	ORSENIGO	FB <b>WB</b> <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM NYLON SEAT VITON B/GRP	4
BALL	50	2	600 CL.	BW160	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VGLT/GRP	14
BALL	50	2	600 CL.	BW40	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	80
BALL	50	2	600 CL.	BW80PUP	SFEROVA	FB <b>WB</b> <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM PTFE SEAT VAED B/GRP	2
BALL	50	2	600 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VITON B/GRP	30
BALL	50	2	600 CL.	RFXBW80PUP	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VITON B/GRP	12
BALL	50	2	600 CL.	RTJUC	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	200
BALL	50	2	1000 CL.	BSP	SUPERSEAL	FB 2P FL FS LO LD	<b>CF8M</b>	316 TRIM PTFE SEAT PTFE PKG	70
BALL	50	2	1000 PSI	NPT/SW	APV	FB 3P/2P TI C2/C5	<b>TITANIUM</b>	EQUIV CR2, 99TI B367C2, GR5 6AI-4V B367	10
BALL	50	2	1500 CL.	RTJUC	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	<b>316</b>	F51 TRIM DEVLON SEAT VAED/GRP	11
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P <b>TM</b> FS LO LD NACE SI 106NGV	<b>316</b>	316 TRIM DEVLON SEAT VAED/GRP	26
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 166*GV-G	<b>316/L</b>	316 TRIM DEVLON/PEEK SEAT	16
BALL	50	2	1500 PSI	NPT/SW/BSP	APV	SUPER AUSTENITIC	<b>904L</b>	904L TRIM RPTFE SEAT	15
BALL	50	2	1500 CL.	RTJ	JC	FB 3P <b>TM</b> FS LO LD NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	60
BALL	50	2	1500 CL.	BW80	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	A105/LF2	F51 TRIM RPTFE SEAT VAED/GRP	26

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	50	2	1500 CL.	RTJ	SFEROVA	FB 3P TM FS LO 316 LD NACE SI OFFSHORE SPEC	A105/LF2	F51 TRIM DEVLON SEAT FR58/90/GRP	100
BALL	50	2	1500 CL.	RTJ	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VGLT/ED GRP	40
BALL	50	2	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO 316 LD NACE SI OFFSHORE SPEC	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	60
BALL	50	2	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	ENP TRIM PEEK SEAT VAED/GRP	30
BALL	50	2	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	F51 TRIM RPTFE SEATVGLT/ED GRP	20
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON/PEEK SEAT	30
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT FR58/90/GRP	110
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON/PEEK SEAT	30
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165NGV-G	A105/LF2	316 TRIM DEVLON/PEEK SEAT	40
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI 205NGV	A105/LF2	316 TRIM DEVLON SEAT FR58/90 GRP	20
BALL	50	2	1500 CL.	RTJUC	STARLINE	SB 3P FL FS LO LD NACE	A105/LF2	316 TRIM DEVLON SEAT FR58/90/GRP	100
BALL	50	2	1500 CL.	RTJUC	STARLINE	SB 3P TM FS LO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	26
BALL	50	2	1500 CL.	RTJUC	STARLINE	SB 3P TM FS LO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	20
BALL	50	2	1500 CL.	RTJUC	STARLINE	SB 3P TM FS LO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	20
BALL	50	2	1500 CL.	RTJUC	STARLINE	SB 3P TM FS LO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	20
BALL	50	2	1500 CL.	RFSF	APV	FB 3P FL FS LO LD	A105N	316 TRIM RPTFE SEAT VAED/GRP	50
BALL	50	2	1500 CL.	RTJ	SFEROVA	FB 3P TM FS LO LD NACE SI	A105N	F51 TRIM PEEK SEAT VAED/GRP	130
BALL	50	2	1500 PSI	NPT	APV	FB 3P FS LO LD ALLOY 20	CN7M	A20 TRIM PTFE SEAT PTFE PKG	15
BALL	50	2	1500 CL.	BW160	SFEROVA	FB 3P TM FS LO LD CL VI INTEG	F22	316+TCC TRIM STELL SEAT GRP PKG	1
BALL	50	2	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO LD NACE SI	F51	F51 TRIM DEVLON SEAT VGLTAE/GRP	12
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE SI 169NGE	F51	F51 TRIM DEVLON SEAT E985/GRP	6
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD 109NGE 31803	F51	F51 TRIM DEVLON SEAT E985/GRP	4
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD 109NGE 31803	F51	F51 TRIM DEVLON SEAT E985/GRP	4
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD 109NGE 31803	F51	F51 TRIM DEVLON SEAT E985/GRP	4
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD 109NGE 31803	F51	F51 TRIM DEVLON SEAT E985/GRP	4
BALL	50	2	1500 PSI	BW/NPT/SW/BAPV		FB 3P FS CD3MN (4A)	F51/F53	CE3MN SUPER DUPLEX RPTFE	10
BALL	50	2	1500 PSI	BW/BSP/NPT/APV		FB 3P FS	HAST	RPTFE CW12MW BODY (C276 HASTELLOY	10
BALL	50	2	1500 CL.	RFSF	ORSENIKO	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM PEEK SEAT VAED/GRP	50
BALL	50	2	1500 CL.	RFSF	ORSENIKO	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VGLT/GRP	40
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 2P TM FS GO LD NACE CL VI EST.BON. HT100-I	LF2	316+TCC TRIM TCC SEAT GRP/GRP	1
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 165*GV-G	LF2	316 TRIM DEVLON/PEEK SEAT E985/GRP	70
BALL	50	2	1500 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI 105NGE	LF2	316 TRIM DEVLON SEAT E985/GRP	46
BALL	50	2	1500 PSI	NPT	APV	FB 3P FS M35-1	MONEL	MONEL 400 TRIM RPTFE SEAT	10
BALL	50	2	2000 PSI	BSP	SUPERSEAL	FB 3P FL NF LO LD	304	304 TRIM PTFE SEAT PTFE PKG	11
BALL	50	2	2000 PSI	NPT	SUPERSEAL	FB 3P FL NF LO LD	304	304 TRIM PTFE SEAT PTFE PKG	11
BALL	50	2	2000 PSI	SW	SUPERSEAL	FB 3P FL NF LO LD	304	304 TRIM PTFE SEAT PTFE PKG	11
BALL	50	2	2000 PSI	NPT	APV	FB 2P FL FS LO LD CL VI 800CL	316	316+STELL TRIM STELL SEAT GRP PKG	2
BALL	50	2	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS DEADMAN LEVER SPRING RETURN	A105/316	316 TRIM RPTFE SEAT	30
BALL	50	2	2000 PSI	BSP	APV	FB 2P FL FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	89
BALL	50	2	2000 PSI	BW40	APV	FB 3P FL FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	13
BALL	50	2	2000 PSI	NPT	APV	FB 2P FL FS LO LD 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	90
BALL	50	2	2000 PSI	NPT	APV	FB 1P FL FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	110
BALL	50	2	2000 PSI	SW	APV	FB 3P FL FS LO LD NACE 800CL	CF8M	316 TRIM RPTFE SEAT GRP PKG	80
BALL	50	2	2000 PSI	NPT	SFEROVA	FB 2P FL FS LO LD CL VI 800CL	LF2	316+STELL TRIM STELL SEAT	2
BALL	50	2	2000 PSI	BSP	APV	FB 2P FL FS LO LD NACE 800CL	WCB	316 TRIM RPTFE SEAT GRP PKG	70
BALL	50	2	2000 PSI	NPT	APV	FB 2P FL FS LO LD NACE 800CL	WCB	316 TRIM NYLON SEAT GRP PKG	210
BALL	50	2	2000 PSI	NPT	APV	FB 1P FL FS LO LD NACE 800CL	WCB	316 TRIM PTFE SEAT GRP PKG	110
BALL	50	2	2220 PSI	BSP	STARLINE	FB 3P FL FS LO LD NACE 900CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	60
BALL	50	2	2220 PSI	BW160PUP	STARLINE	SB 3P FL FS LO LD NACE 900CL 236SGG-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	16
BALL	50	2	2220 PSI	BW80	STARLINE	SB 3P FL FS LO LD 900CL 236SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	50	2	2220 PSI	BW80	STARLINE	SB 3P FL FS LO LD 900CL 236SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	50	2	2220 PSI	BW80	STARLINE	SB 3P FL FS LO LD 900CL 236SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	50	2	2220 PSI	BW80	STARLINE	SB 3P FL FS LO LD 900CL 236SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	50	2	2220 PSI	BW80 LONG	STARLINE	FB 3P FL FS LO LD NACE 900CL 236*GS-G	316/L	316 TRIM DEVLON/CGPTFE SEAT GRP PKG	10
BALL	50	2	2220 PSI	BW80 LONG	STARLINE	FB 3P FL FS LO LD NACE 900CL 236*GS-G	316/L	316 TRIM DEVLON/CGPTFE SEAT GRP PKG	10
BALL	50	2	2220 PSI	BW80 LONG	STARLINE	FB 3P FL FS LO LD NACE 900CL 236*GS-G	316/L	316 TRIM DEVLON/CGPTFE SEAT GRP PKG	10
BALL	50	2	2220 PSI	NPT	STARLINE	FB 3P FL FS LO LD EXT STEM 900CL	316/L	316 TRIM RPTFE SEAT GRP PKG	8
BALL	50	2	2220 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 900CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	80
BALL	50	2	2220 PSI	NPT	STARLINE	SB 3P FL FS LO LD 226SGV-G 900CL	316/L	316 TRIM CGPTFE SEAT GRP PKG	140
BALL	50	2	2220 PSI	PUPPBE80	STARLINE	FB 3P FL FS LO LD NACE 1500CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	12
BALL	50	2	2220 PSI	SW	STARLINE	SB 3P FL FS LO LD NACE 900CL 236SGS-G	316/L	316 TRIM CGPTFE SEAT GRP PKG	70
BALL	50	2	2220 PSI	SW LONG	STARLINE	FB 3P FL FS LO NACE 900CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	20
BALL	50	2	2220 PSI	SW LONG	STARLINE	FB 3P FL FS LO NACE 900CL 116NGS-G	316/L	316 TRIM DEVLON SEAT GRP PKG	20
BALL	50	2	2220 PSI	BSP	STARLINE	SB 3P FL FS LO LD NACE 900CL 236SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	50
BALL	50	2	2220 PSI	BW80	STARLINE	FB 3P FL FS LO LD NACE 900CL 115NGG-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	20
BALL	50	2	2220 PSI	BW80PUP	STARLINE	FB 3P FL FS LO LD NACE 900CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	14
BALL	50	2	2220 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 900CL 115NGG-V	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	100
BALL	50	2	2220 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 900CL 235SGS-V	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	76

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	50	2	2220 PSI	PUPPBE80	STARLINE	FB 3P FS LO LD NACE 1500CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	50	2	2220 PSI	PUPPBE80	STARLINE	SB 3P FS LO LD NACE 1500CL 215SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	40
BALL	50	2	2220 PSI	PUPSW	STARLINE	FB 3P FL FS LO LD NACE 900CL T115NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	20
BALL	50	2	2220 PSI	PUPSW	STARLINE	SB 2P FL FS LO LD NACE 900CL T215NGV-G	A105/LF2	316 TRIM NYLON SEAT GRP PKG	80
BALL	50	2	2220 PSI	SW	STARLINE	FB 3P FL FS LO LD NACE 900CL 115NGG-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	200
BALL	50	2	2220 PSI	SW	STARLINE	SB 3P FL FS LO LD NACE 900CL 235GV-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	190
BALL	50	2	2220 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 900CL 239SGS-G	<b>F51</b>	F51 TRIM <b>CGPTFE</b> SEAT GRP PKG	7
BALL	50	2	2500 CL	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI 105NGE-G	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	18
BALL	50	2	2500 CL	RTJ	APV	FB 3P TM FS LO LD NACE SI	A105N	F51 TRIM DEVLON SEAT VAED/GRP	16
BALL	50	2	2500 CL	RTJ	ORSENIGO	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM PEEK SEAT VAED/GRP	14
BALL	50	2	2500 CL	RTJ	STARLINE	FB 3P TM FS LO LD NACE SI 100PGE-G	<b>LF2</b>	F51 TRIM PEEK SEAT VGLT/ED GRP	10
BALL	50	2	2500 CL	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI 100PGE-G	<b>LF2</b>	F51 TRIM PEEK SEAT VGLT/ED GRP	8
BALL	50	2	2500 PSI	NPT	APV	FB 2P FL FS LO LD NACE SI KF TYPE 2B	WCB	316 TRIM NYLON SEAT GRP PKG	84
BALL	50	2	3000 PSI	BSP	APV	FB 2P FL FS LO LD NACE	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP PKG	30
BALL	50	2	3700 PSI	BW80	STARLINE	FB 3P FL FS LO LD NACE 1500CL 166NGG-V	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	3
BALL	50	2	3700 PSI	NPT	STARLINE	SB 2P FL FS LO LD NACE 1500CL T216NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	40
BALL	50	2	3700 PSI	NPT	STARLINE	SB 3P TB FS LO LD 1500CL T216NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	20
BALL	50	2	3700 PSI	NPT	STARLINE	SB 3P TB FS LO LD 1500CL T216NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	20
BALL	50	2	3700 PSI	PUPPBE160	STARLINE	SB 3P FL FS LO NACE 1500CL T216NGV-G-4"	<b>316/L</b>	316 TRIM DELVON SEAT GRP PKG	15
BALL	50	2	3700 PSI	PUPPBE160	STARLINE	SB 3P FL FS LO NACE 1500CL T216NGV-G-4"	<b>316/L</b>	316 TRIM DELVON SEAT GRP PKG	15
BALL	50	2	3700 PSI	BSP	STARLINE	SB 3P FL FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	50
BALL	50	2	3700 PSI	BW160PUP	STARLINE	FB 3P FL FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DELVON SEAT GRP PKG	28
BALL	50	2	3700 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 1500CL 165NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	60
BALL	50	2	3700 PSI	NPT	STARLINE	SB 2P FL FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	160
BALL	50	2	3700 PSI	PUPSW	STARLINE	SB 2P FL FS LO LD NACE 1500CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	170
BALL	50	2	3700 PSI	NPT	APV	SB 2P FL FS LO LD NACE 1500CL FS660	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP PKG	100
BALL	50	2	3700 PSI	NPT	APV	FB 2P FL FS LO LD NACE 1500CL FS660	WCB	316 TRIM DEVLON SEAT GRP PKG	30
BALL	50	2	3705 PSI	BW160PUP	STARLINE	FB 3P FL FS LO LD 1500CL 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	4
BALL	50	2	3705 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 1500CL 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	12
BALL	50	2	3705 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 1500CL 166NGV-G	<b>316/L</b>	316 TRIM DEVLON SEAT GRP PKG	4
BALL	50	2	3750 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 1500CL 169NGE-G XYL	<b>F51</b>	F51 TRIM DEVLON SEAT GRP/E985	6
BALL	50	2	5000 PSI	RTJ	APV	FB 3P TM FS LO LD NACE SI 2 1/16" 60K	4140	316 TRIM DEVLON SEAT VAED/GRP	8
BALL	50	2	5000 PSI	RTJUC	APV	FB 3P TM FS LO LD NACE SI 2 1/16" 60K	4140	410 TRIM DEVLON SEAT VAED/GRP	4
BALL	50	2	5000 PSI	GRAYLOK	SFEROVA	FB 3P TM FS GO NACE SI 2 1/16"	4140	316 TRIM DEVLON SEAT VAED/GRP	3
BALL	50	2	6000 PSI	NPT	SFEROVA	SB 2P FL FS LO LD NACE 2500CL	<b>316</b>	316 TRIM DELRIN SEAT GRP PKG	30
BALL	50	2	6000 PSI	PUPSWXNPT	APV	FB 2P FL FS LO LD NACE 2500CL INTEG	A105N	316 TRIM DELRIN SEAT GRP PKG	17
BALL	50	2	6000 PSI	BW160PUP	MAGIVAL	FB 2P FL FS LO LD NACE 2500CL INTEG	A105N	316 TRIM DEVLON SEAT GRP PKG	6
BALL	50	2	6000 PSI	BWXXSPUP	MAGIVAL	FB 2P FL FS LO LD NACE 2500CL INTEG	A105N	316 TRIM DEVLON SEAT GRP PKG	3
BALL	50	2	6000 PSI	NPT	MAGIVAL	FB 2P FL FS LO LD NACE 2500CL	A105N	316 TRIM DELRIN SEAT GRP PKG	360
BALL	50	2	6000 PSI	PUPSW	MAGIVAL	FB 2P FL FS LO LD NACE 2500CL INTEG	A105N	316 TRIM DELRIN SEAT GRP PKG	30
BALL	50	2	6000 PSI	NPT	SFEROVA	SB 2P FL FS LO LD NACE 2500CL	A105N	316 TRIM DELRIN SEAT GRP PKG	10
BALL	50	2	6000 PSI	NPT	APV	SB 2P FL FS LO LD NACE 2500CL FS660	<b>CF8M</b>	316 TRIM DELRIN SEAT GRP PKG	60
BALL	50	2	6000 PSI	NPT	ORSENIGO	SB 2P FL FS LO LD NACE 2500CL	LF2	316 TRIM DELRIN SEAT GRP PKG	200
BALL	50	2	6000 PSI	BSP	APV	FB 2P FL FS LO LD NACE 2500CL	WCB	316 TRIM DELRIN SEAT GRP PKG	100
BALL	50	2	TABLE E	FF	APV	FB 2P FL LO LD SLBV01	<b>CF8M</b>	316 TRIM PTFE SEAT PTFE PKG	10
BALL	50	2	TABLE E	FF	APV	FB 2P FL FS LO LD SLFSBV01	WCB	316 TRIM RPTFE SEAT GRP PKG	20
BALL	50	2	TABLE H	RFSF	APV	FB 2P FL FS LO LD	<b>CF8M</b>	316 TRIM PTFE SEAT PTFE PKG	2
BALL	65	2 1/2	150 CL	RF	APV	FB 2P FL FS LO LD	<b>A20</b>	A20 TRIM RPTFE SEAT	6
BALL	65	2 1/2	150 CL	RF	APV	FB 2P FL FS LO LD (5A)	<b>CE3MN</b>	SUPER DUPLEX RPTFE SEAT	4
BALL	65	2 1/2	150 CL	RFSF	APV	FB 2P FL FS LO LD SLFSBV01	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP+PTFE PKG	59
BALL	65	2 1/2	150 CL	RF	APV	FB 2P FL FS LO LD	<b>F51</b>	F51 TRIM RPTFE SEAT	6
BALL	65	2 1/2	150 CL	RF	APV	FB 2P FL FS (C276EQUIL)	HAST	RPTFE CW12MW BODY	3
BALL	65	2 1/2	150 CL	RFSF	STARLINE	FB 2P FL FS LO LD 175*GS-G	LF2	316 TRIM <b>CGPTFE/PEEK/GRP</b> SEAT	2
BALL	65	2 1/2	150 CL	RFSF	APV	FB 2P FL FS LO LD SLFSBV01	WCB	304 TRIM PTFE SEAT GRP PKG	30
BALL	65	2 1/2	150 CL	RFSF	APV	RB 1P FL FS LO LD <b>JACKETED</b>	WCB	304+ <b>STELL</b> TRIM <b>STELL</b> SEAT	4
BALL	65	2 1/2	300 CL	UNDRILLRF	APV	FB 2P FL FS LO LD NACE	<b>CF8M</b>	316 TRIM PTFE SEAT PTFE PKG	5
BALL	65	2 1/2	300 CL	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	WCB	304 TRIM PTFE SEAT GRP PKG	3
BALL	65	2 1/2	600 CL	RFSF	STARLINE	FB 3P FL FS LO LD NACE 116SGS-G	A105/LF2	316 TRIM <b>CGPTFE</b> SEAT GRP PKG	2
BALL	65	2 1/2	1000 PSI	BSP	SUPERSEAL	FB 3P FL NF LO LD	<b>CF8M</b>	316 TRIM RPTFE SEAT PTFE PKG	16
BALL	65	2 1/2	1440 PSI	BW40	STARLINE	FB 3P FL FS LO LD NACE 600CL 116SGS-G	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	2
BALL	65	2 1/2	1500 CL	RFSF	APV	FB 2P FL FS LO LD NACE	<b>316</b>	316 TRIM RPTFE SEAT GRP PKG	2
BALL	65	2 1/2	1500 CL	RFSF	APV	FB 3P FL FS LO LD NACE	<b>A105N</b>	316 TRIM PTFE SEAT GRP PKG	2
BALL	65	2 1/2	1500 PSI	BSP	SUPERSEAL	FB 2P FL NF LO LD	<b>CF8M</b>	316 TRIM RPTFE SEAT PTFE PKG	11
BALL	65	2 1/2	1500 PSI	BSP	SUPERSEAL	FB 3P FL NF LO LD	<b>CF8M</b>	316 TRIM RPTFE SEAT PTFE PKG	4
BALL	65	2 1/2	1500 PSI	BSP	SUPERSEAL	FB 3P FL NF LO LD	<b>CF8M</b>	316 TRIM RPTFE SEAT PTFE PKG	4
BALL	65	2 1/2	1800 PSI	BSP	STARLINE	FB 3P FL FS LO LD NACE 600CL 116NGS-G	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	4
BALL	65	2 1/2	1800 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 600CL 116NGS-G	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	16
BALL	65	2 1/2	1800 PSI	BSP	STARLINE	FB 3P FL FS LO LD NACE 600CL 115NGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	5
BALL	65	2 1/2	1800 PSI	BW80LONG	STARLINE	FB 3P FL FS LO LD NACE 600CL 115NGS-G	A105/LF2	316 TRIM DEVLON SEAT GRP PKG	5
BALL	65	2 1/2	1800 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 600CL 115NGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	5
BALL	65	2 1/2	1800 PSI	SW	STARLINE	FB 3P FL FS LO LD NACE 600CL 115NGS-G	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	5

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	65	2 1/2	2000 PSI	NPT	APV	FB 2P FL FS LO LD NACE 800CL	<b>316</b>	316 TRIM NYLON SEAT GRP PKG	4
BALL	65	2 1/2	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS <b>C/W DEADMAN LEVER</b>	A105/316	316 TRIM RPTFE SEAT	20
BALL	65	2 1/2	2000 PSI	PUPSW	STARLINE	FB 3P FL FS LO LD NACE 800CL T115NGV-G	A105N	316 TRIM DELVON SEAT GRP PKG	5
BALL	65	2 1/2	2000 PSI	NPT	APV	FB <b>WB</b> FL FS LO LD NACE 800CL	WCB	316 TRIM NYLON SEAT GRP PKG	3
BALL	65	2 1/2	2200 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 900CL 216SGS-G	<b>316/L</b>	316 TRIM RPTFE SEAT GRP PKG	9
BALL	65	2 1/2	2220 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 900CL T115NGV-G	A105/LF2	316 TRIM DELVON SEAT GRP PKG	7
BALL	65	2 1/2	2220 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 900CL 215SGS-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	1
BALL	65	2 1/2	2400 PSI	PUPSW	STARLINE	SB 3P FL FS LO LD NACE 900CL T215SGV-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	6
BALL	65	2 1/2	3700 PSI	NPT	APV	FB 3P FL FS LO LD NACE 1500CL	<b>A105N</b>	316 TRIM NYLON SEAT GRP PKG	2
BALL	80	3	150 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	<b>316</b>	316 TRIM RPTFE SEAT VGLT/ED GRP	2
BALL	80	3	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD EXT STEM 176*GT-G (OPT)	<b>316/L</b>	316 TRIM CGPTFE/ PTFE/PEEK TEFZ SEAT	3
BALL	80	3	150 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED B/GRP	8
BALL	80	3	150 CL.	RFSF	OMB	RB 1P FL FS LO LD	A105N	316+ <b>TCC</b> TRIM <b>TCC</b> SEAT	1
BALL	80	3	150 CL.	RF	APV	FB 2P FL FS LO LD	<b>A20</b>	A20 TRIM RPTFE SEAT	4
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE (CN7M)	<b>A20</b>	A20 TRIM PTFE SEAT GRP PKG	5
BALL	80	3	150 CL.	WAFER	WORCESTER	RB 1P FL NF LO LD	<b>BRZ</b>	316 TRIM PTFE SEAT PTFE PKG	5
BALL	80	3	150 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD	<b>CF8</b>	304 TRIM PTFE SEAT GRP PKG	16
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO CL VI 329+CC ST.	<b>CF8M</b>	316+ST#6 TRIM ST#6 SEAT GRP/GRP	3
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD <b>EXT BONNET</b> CRYO	<b>CF8M</b>	316 TRIM TEFZEL SEAT GRP PKG	2
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP PKG	14
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD SLFSBV01	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	16
BALL	80	3	150 CL.	RFSF	APV	RB 1P FL FS LO LD SLFSBV02	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	16
BALL	80	3	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AIT <b>METAL SEAT</b>	<b>CF8M</b>	CLV	4
BALL	80	3	150 CL.	UNDRILLRF	JC	FB 2P FL FS LO LD NACE 515IT	<b>CF8M</b>	316 TRIM PTFE SEAT PTFE PKG	27
BALL	80	3	150 CL.	RFSF	ITT	RB 2P FL LO <b>PTFE LINED</b>	<b>CSTFE</b>	316 + <b>PTFE</b> TRIM PTFE SEAT	1
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE CD3MN	<b>F51</b>	F51 TRIM RPTFE SEAT GRP	5
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE CD3MN	<b>F51</b>	F55 TRIM RPTFE SEAT GRP	5
BALL	80	3	150 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	<b>F51</b>	F51 TRIM RPTFE SEAT VITON VGLT/ED GRP	3
BALL	80	3	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 515LIT	<b>LCB</b>	316 TRIM PTFE SEAT GRP PKG	20
BALL	80	3	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD NACE 175*GS-G	LF2	316 TRIM <b>CGPTFE/ GRP/PEEK</b> SEAT	34
BALL	80	3	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM PTFE SEAT GRP PKG	130
BALL	80	3	150 CL.	RFSF	APV	RB 1P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	54
BALL	80	3	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AICG OFFSHORE	WCB	316 TRIM CGPTFE SEAT GRP PKG	200
BALL	80	3	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AIT	WCB	316 TRIM PTFE SEAT GRP PKG	150
BALL	80	3	150 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 715AICG OFFSHORE S	WCB	316 TRIM CGPTFE SEAT GRP PKG	85
BALL	80	3	150 CL.	RFSF	JC	RB 1P FS LO 316 LD NACE 715AIT	WCB	316 TRIM PTFE SEAT GRP PKG	60
BALL	80	3	150 CL.	RFSF	ORSENIGO	FB 2P FL FS LO LD CL VI	WCB	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT	3
BALL	80	3	300 CL.	BW40PUP	ORSENIGO	FB <b>WB TM</b> FS LO LD NACE SI INTEG	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	2
BALL	80	3	300 CL.	RFSF	SFEROVA	FB 2P <b>TM</b> FS LO LD NACE SI	A105/LF2	ENP TRIM CPTFE SEAT VAED/GRP17-4 ST	26
BALL	80	3	300 CL.	RFSF	SFEROVA	FB 2P <b>TM</b> FS LO LD NACE SI	A105/LF2	316 TRIM CPTFE SEAT VAED/GRP	20
BALL	80	3	300 CL.	RFSF	STARLINE	FB 3P FL FS LO LD 115*GV-G	A105/LF2	316 TRIM <b>CGPTFE/GRP/PEEK</b> SEAT	8
BALL	80	3	300 CL.	FF	APV	FB 2P FL FS LO LD	<b>BRZ</b>	BRZ TRIM PTFE SEAT PTFE PKG	2
BALL	80	3	300 CL.	RFSF	APV	FB 2P FL FS LO LD	<b>CF8</b>	304 TRIM PTFE SEAT GRP/PTFE PKG	5
BALL	80	3	300 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD CL VI	<b>CF8M</b>	316+ <b>STELL</b> TRIM <b>STELL</b> SEAT	2
BALL	80	3	300 CL.	RFSF	JC	FB 2P FL FS LO LD 530IIT	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	20
BALL	80	3	300 CL.	RFSF	JC	RB 1P FL FS LO LD 730IIT	<b>CF8M</b>	316 TRIM PTFE SEAT GRP PKG	6
BALL	80	3	300 CL.	RFSF	APV	FB 2P <b>TM</b> FS LO LD	<b>LCC</b>	316 TRIM CPTFE SEAT VAED GRP 17-4	20
BALL	80	3	300 CL.	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	WCB	316 TRIM RPTFE SEAT GRP PKG	30
BALL	80	3	300 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD CL VI 329+CC ST.	WCB	316+ <b>STELL</b> BALL <b>STELL</b> SEAT GRP/GRP	3
BALL	80	3	300 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM <b>CPTFE</b> SEAT GRP PKG	5
BALL	80	3	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530AICG OFFSHORE	WCB	316 TRIM PTFE SEAT GRP PKG	25
BALL	80	3	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530AIT	WCB	316 TRIM PTFE SEAT GRP PKG	60
BALL	80	3	300 CL.	RFSF	JC	RB 1P FL FS LO 316 LD NACE 730AIT	WCB	316 TRIM PTFE SEAT GRP PKG	10
BALL	80	3	600 CL.	RFSF	APV	FB 2P <b>TM</b> FS LO LD NACE SI	<b>316</b>	316 TRIM RPTFE SEAT VITON B/GRP	4
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	<b>316</b>	316 TRIM CPTFE SEAT PTFE/GRP	8
BALL	80	3	600 CL.	RTJUC	STARLINE	SB 3P FL FS LO LD NACE 216SGS-G	<b>316/L</b>	316 TRIM <b>CGPTFE/PEEK/GRAPH</b> SEAT	6
BALL	80	3	600 CL.	RFSF	APV	FB 3P <b>TM</b> FL LO LD NACE	A105/LF2	316 TRIM CPTFE SEAT VAED/GRP	40
BALL	80	3	600 CL.	BW40	SFEROVA	FB 3P <b>TM</b> FS LO LD NACE SI	A105/LF2	316 TRIM CPTFE SEAT VAED/GRP	90
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS LO ( <b>316</b> ) NACE SI	A105/LF2	316 TRIM DELVON SEAT FR58/90-GRP	36
BALL	80	3	600 CL.	RTJUC	SFEROVA	FB 3P <b>TM</b> FS LO ( <b>316</b> ) NACE SI	A105/LF2	316 TRIM CPTFE SEAT FR58/90-GRP	80
BALL	80	3	600 CL.	BW80	STARLINE	SB 3P FL FS LO LD NACE 215SGS-G	A105/LF2	316 TRIM DELVON SEAT GRP PKG	10
BALL	80	3	600 CL.	BW80PUP	STARLINE	FB <b>WB</b> FL FS LO LD NACE T115NGV-G	A105/LF2	316 TRIM DELVON SEAT GRP PKG	10
BALL	80	3	600 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE T115**GS-G	A105/LF2	316 TRIM <b>CGPTFE/PEEK/GRAPH</b> SEAT	5
BALL	80	3	600 CL.	RTJUC	STARLINE	RB 3P <b>TM</b> FS LO LD NACE SI 205SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	25
BALL	80	3	600 CL.	RTJUC	STARLINE	RB 3P <b>TM</b> FS LO LD NACE SI 205SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	25
BALL	80	3	600 CL.	RTJUC	STARLINE	RB 3P <b>TM</b> FS LO LD NACE SI 205SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	25
BALL	80	3	600 CL.	RTJUC	STARLINE	RB 3P <b>TM</b> FS LO LD NACE SI 205SGV	A105/LF2	316 TRIM CGPTFE SEAT VAED/GRP	25
BALL	80	3	600 CL.	RTJUC	STARLINE	SB 3P FL FS LO LD NACE 215*GS-G 2.5" ID	A105/LF2	316 TRIM <b>CGPTFE/GRAPHITE</b> SEAT	9
BALL	80	3	600 CL.	RTJUC	STARLINE	SB 3P FL FS LO LD NACE 215PGS-G 2.5" ID	A105/LF2	316 TRIM <b>PEEK</b> SEAT GRP PKG	29
BALL	80	3	600 CL.	BW80	SFEROVA	FB <b>WB TM</b> FS LO LD NACE	A105N	316 TRIM RPTFE SEAT GRP PKG	4
BALL	80	3	600 CL.	RFSF	APV	FB 2P FS LO LD NACE SLFSBV01	<b>CF8M</b>	316 TRIM RPTFE SEAT GRP PKG	7



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	80	3	600 CL.	RFSF	APV	FB 2P TM FS LO LD NACE SI	CF8M	316 TRIM RPTFE SEAT VAED/GRP	4
BALL	80	3	600 CL.	RFSF	JC	FB 2P FS LO LD NACE 560	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	80	3	600 CL.	RFSF	JC	FB 2P FS LO LD NACE 560	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	80	3	600 CL.	RFSF	JC	FB 2P FS LO LD NACE 560	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	80	3	600 CL.	RFSF	JC	FB 2P FS LO LD NACE 560	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 2P TM FS GO LD NACE	F51	F51 TRIM PEEK SEAT VAED/GRP	8
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 2P TM FS GO LD NACE	F51	F51 TRIM PEEK SEAT GRP	10
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	F51	F51 TRIM CPTFE SEAT VITON B/GRP	2
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO LD NACE SI	F51	F51 TRIM PEEK SEAT VAED/GRP	14
BALL	80	3	600 CL.	BW80	ORSENIGO	FB <b>WB</b> TM FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VITON B/GRP	5
BALL	80	3	600 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VITON B/GRP	36
BALL	80	3	600 CL.	RFXBW40	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	6
BALL	80	3	600 CL.	RTJ	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM PEEK SEAT VITON B/GRP	46
BALL	80	3	600 CL.	RTJUC	SFEROVA	FB 3P FL FS LO LD NACE	LF2	316 TRIM RPTFE SEAT GRP PKG	40
BALL	80	3	600 CL.	RTJUC	SFEROVA	FB 3P FL FS LO LD NACE	LF2	316 TRIM PEEK SEAT GRP PKG	60
BALL	80	3	600 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI 105NGE-G	LF2	316 TRIM DEVLON SEAT E985/GRP	40
BALL	80	3	600 CL.	RFSF	APV	FB 2P FL FS LO LD CL VI	WCB	316+ <b>TCC</b> TRIM <b>STELL</b> SEAT GRP PKG	2
BALL	80	3	600 CL.	SW	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	240
BALL	80	3	600 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 560AIN	WCB	316 TRIM RPTFE SEAT GRP/VAED	56
BALL	80	3	600 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 560AIN	WCB	316 TRIM RPTFE SEAT GRP/VAED	56
BALL	80	3	600 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 560AIN	WCB	316 TRIM RPTFE SEAT GRP/VAED	56
BALL	80	3	600 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 560AIN	WCB	316 TRIM RPTFE SEAT GRP/VAED	56
BALL	80	3	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	316	F51 TRIM DEVLON SEAT VGLT/ED GRP	3
BALL	80	3	900 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	26
BALL	80	3	900 CL.	RTJ	SFEROVA	FB 3P TM FS LO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VGLT/ED GRP	20
BALL	80	3	900 CL.	RTJ	SFEROVA	FB 3P TM FS LO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	20
BALL	80	3	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	14
BALL	80	3	900 CL.	RTJUC	SFEROVA	FB 3P TM FS LO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	20
BALL	80	3	900 CL.	RTJUC	STARLINE	FB 3P TM FS LO NACE SI	A105/LF2	F51 TRIM CGPTFE SEAT FR58/90 GRP	8
BALL	80	3	900 CL.	RTJ	JC	FB 3P TM FS LO LD 6090	A105/LF2	ENPH TRIM PEEK SEAT VAED/GRP	10
BALL	80	3	900 CL.	RTJ	JC	FB 3P TM FS LO LD 6090	A105/LF2	ENPH TRIM PEEK SEAT VAED/GRP	10
BALL	80	3	900 CL.	RTJ	JC	FB 3P TM FS LO LD 6090	A105/LF2	ENPH TRIM PEEK SEAT VAED/GRP	10
BALL	80	3	900 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	F51	F51 TRIM DEVLON SEAT VAED/GRP	2
BALL	80	3	900 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	22
BALL	80	3	900 CL.	SW	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	240
BALL	80	3	1000 PSI	NPT	APV	FB 3P FL FS LO LD NACE 115SGS-G	A105	316 TRIM CGPTFE SEAT GRP PKG	19
BALL	80	3	1000 PSI	BSP	APV	FB 2P FL FS LO LD	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	2
BALL	80	3	1000 PSI	BW80	STARLINE	FB 3P FL FS LO LD NACE 115SGS-G	A105/LF2	316 TRIM CGPTFE SEAT GRP PKG	2
BALL	80	3	1000 PSI	NPT	APV	FB 3P FL FS LO LD	CF8M	316 TRIM NYLON SEAT GRP PKG	5
BALL	80	3	1000 PSI	BSP	SUPERSEAL	FB 2P FL LO LD	CF8M	316 TRIM RPTFE SEAT PTFE PKG	6
BALL	80	3	1000 PSI	NPT	SUPERSEAL	FB 3P FL LO LD	CF8M	316 TRIM PTFE SEAT PTFE PKG	10
BALL	80	3	1000 PSI	NPT	SUPERSEAL	FB 3P FL LO LD	CF8M	316 TRIM RPTFE SEAT PTFE PKG	11
BALL	80	3	1000 PSI	SW	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT PTFE PKG	235
BALL	80	3	1000 PSI	SW	APV	FB 3P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	16
BALL	80	3	1480 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 600CL 116NGG-G	316/L	316 TRIM NYLON SEAT GRP PKG	4
BALL	80	3	1480 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 600CL 216NGS-G	316/L	316 TRIM NYLON SEAT GRP PKG	6
BALL	80	3	1480 PSI	SW	STARLINE	SB 3P FL FS LO LD NACE 600CL 216SGS-G	316/L	316 TRIM RPTFE SEAT VITON B/GRP	3
BALL	80	3	1480 PSI	NPT	STARLINE	FB 3P FL FS LO LD NACE 600CL T115NGV-G	A105/LF2	316 TRIM DELVON SEAT GRP PKG	34
BALL	80	3	1480 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 600CL 215SGS-G	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	29
BALL	80	3	1480 PSI	SW	STARLINE	SB 3P FL FS LO LD NACE 600CL 215SGG-G	A105/LF2	316 TRIM CGTFE SEAT GRP PKG	28
BALL	80	3	1500 PSI	NPT	APV	FB <b>WB</b> FL FS LO LD NACE	316	316 TRIM PTFE SEAT VITON B/GRP	9
BALL	80	3	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	316	F51 TRIM DEVLON SEAT VAED/GRP	3
BALL	80	3	1500 CL.	RTJ	JC	FB 3P TM FS LO NACE SI 6050	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	80	3	1500 CL.	RTJ	JC	FB 3P TM FS LO NACE SI 6050	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	80	3	1500 CL.	RTJ	JC	FB 3P TM FS LO NACE SI 6050	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	80	3	1500 CL.	RTJ	JC	FB 3P TM FS LO NACE SI 6050	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	80	3	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO 316 NACE SI OFFSHORE SPEC	A105/LF2	F51 TRIM DEVLON SEAT FR58/90/GRP	30
BALL	80	3	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	60
BALL	80	3	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	46
BALL	80	3	1500 PSI	BSP	SUPERSEAL	FB 2P FL LO LD	CF8M	316 TRIM RPTFE SEAT PTFE PKG	13
BALL	80	3	1500 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	F51	F51 TRIM DEVLON SEAT VAED/GRP	2
BALL	80	3	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS LO NACE SI	F51	F51 TRIM DEVLON SEAT VAED/GRP	1
BALL	80	3	1500 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT E985/GRP	20
BALL	80	3	1500 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	20
BALL	80	3	2000 PSI	NPT	APV	FB 2P FL FS LO LD NACE 800CL	316	316 TRIM NYLON SEAT VITON B/GRP	6
BALL	80	3	2000 PSI	NPT	STARLINE	SB 2P FL FS LO LD NACE 800CL	316	316 TRIM DELRIN SEAT VITON/GRP	2
BALL	80	3	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS <b>C/W DEADMAN LEVER</b>	A105/316	316 TRIM POM/RPTFE SEAT	16
BALL	80	3	2000 PSI	NPT	STARLINE	SB 3P FL FS LO LD NACE 800CL T215NGV-G	A105/LF2	316 TRIM DEVLON SEAT VITON B/GRP	200
BALL	80	3	2000 PSI	NPT	ORSENIGO	FB 2P FL FS LO LD NACE 800CL	LF2	316 TRIM DELRIN SEAT VITON B/GRP	50
BALL	80	3	2000 PSI	NPT	APV	FB 2P FL FS LO LD NACE 800CL	WCB	316 TRIM NYLON SEAT VITON B/GRP	260

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	80	3	2160 PSI	NPT	APV	RB 2P FL FS LO LD 900CL 2D KF CH SI	WCB	316 TRIM NYLON SEAT VITON B/GRP	90
BALL	80	3	2220 PSI	NPT	APV	FB 2P FL FS LO LD NACE 900CL	WCB	316 TRIM RPTFE SEAT VAED/GRP	98
BALL	80	3	2500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI 105NGE-G	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	2
BALL	80	3	2500 CL.	PUPXXS	STARLINE	RB 3P TM FS GO NACE 205NGV-G	A105/LF2	F51 TRIM DEVLON SEAT VITON B/GRP	2
BALL	80	3	2500 CL.	RTJ	STARLINE	FB 3P TM FS GO NACE SI 105NGE-G	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	8
BALL	80	3	2500 CL.	RTJUC	STARLINE	FB 3P FL FS LO LD NACE 1500CL	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	4
BALL	80	3	2500 CL.	RTJ	STARLINE	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	3
BALL	80	3	3000 PSI	RTJ	SFEROVA	FB 3P TM FS GO NACE SI 3 1/8"	4140	F51 TRIM DEVLON SEAT VAED/GRP	2
BALL	80	3	3000 PSI	RTJ	SFEROVA	FB 2P FL FS LO LD	A105N	316 TRIM DEVLON SEAT VAED/GRP	30
BALL	80	3	3000 PSI	NPT	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT VITON B/GRP	100
BALL	80	3	3700 PSI	NPT	APV	FB 2P FL FS LO LD NACE 1500CL	316	316 TRIM DELRIN SEAT VITON B/GRP	2
BALL	80	3	3700 PSI	NPT	ORSENIGO	FB 3P FL FS LO LD NACE 1500CL	316	316 TRIM NYLON SEAT VAED/GRP	1
BALL	80	3	3700 PSI	NPT	SFEROVA	FB 2P FL FS LO LD NACE 1500CL	A105/LF2	316 TRIM DELRIN SEAT VITON B/GRP	40
BALL	80	3	3705 PSI	NPT	SFEROVA	SB 2P FL FS LO LD NACE	A105N	316 TRIM DELRIN SEAT VAED	80
BALL	80	3	5000 PSI	RTJ	APV	RB 3P TM FS GO NACE SI 3 1/8" 6A	4140	316 TRIM DEVLON SEAT VAED/GRP	5
BALL	80	3	TABLE E	FF	APV	FB 2P FL LO	CF8M	316 TRIM PTFE SEAT PTFE PKG	10
BALL	80	3 1/8	5000 PSI	RTJ	APV	FB 3P TM FS GO NACE	4140	F51 TRIM DEVLON SEAT VAED/GRP	5
BALL	80	3 1/8	5000 PSI	RTJ	SFEROVA	FB 3P TM FS GO NACE 3 1/8" 6A	API2	ENP TRIM NYLON SEAT VAED/GRP	1
BALL	100	4	150 CL.	RFSF	APV	FB 3P TM FS LO LD NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	15
BALL	100	4	150 CL.	RF	APV	FB 2P FL FS LO LD	A20	A20 TRIM RPTFE SEAT	3
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO LD CN7M	A20	A20 TRIM PTFE SEAT PTFE PKG	1
BALL	100	4	150 CL.	RF	APV	FB 2P FL FS LO LD (5A)	CE3MN	SUPER DUPLEX RPTFE SEAT	3
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO LD	CF8	304 TRIM PTFE SEAT GRP PKG	11
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	CF8M	316 TRIM RPTFE SEAT GRP PKG	20
BALL	100	4	150 CL.	RFSF	APV	RB 1P FS LO LD NACE SLFSBV02	CF8M	316 TRIM RPTFE SEAT GRP PKG	5
BALL	100	4	150 CL.	RFSF	APV	RB 1P FS LO LD NACE SLFSBV02	CF8M	316 TRIM RPTFE SEAT GRP PKG	5
BALL	100	4	150 CL.	RFSF	APV	RB 1P FS LO LD NACE SLFSBV02	CF8M	316 TRIM RPTFE SEAT GRP PKG	5
BALL	100	4	150 CL.	RFSF	APV	RB 1P FS LO LD NACE SLFSBV02	CF8M	316 TRIM RPTFE SEAT GRP PKG	5
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO 316 LD NACE 515AIT METAL SEAT	CF8M	CLV	2
BALL	100	4	150 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD NACE SLBV01	CF8M	316 TRIM PTFE SEAT PTFE PKG	5
BALL	100	4	150 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD NACE SLFSBV01	CF8M	316 TRIM RPTFE SEAT GRP/PTFE PKG	7
BALL	100	4	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AIT METAL SEAT	CF8M	316+HFNI	4
BALL	100	4	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 515IIT	CF8M	316 TRIM RPTFE SEAT GRP/PTFE PKG	20
BALL	100	4	150 CL.	RFSF	JC	RB 1P FS LO LD NACE 715IIT	CF8M	316 TRIM RPTFE SEAT GRP PKG	8
BALL	100	4	150 CL.	RFSF	JC	RF 1P FS LO LD NACE 715IIT	CF8M	316 TRIM RPTFE SEAT GRP PKG	6
BALL	100	4	150 CL.	RFSF	JC	RF 1P FS LO LD NACE 715IIT	CF8M	316 TRIM RPTFE SEAT GRP PKG	6
BALL	100	4	150 CL.	RF	APV	FB 2P FL FS LO LD	F51	F51 TRIM RPTFE SEAT	4
BALL	100	4	150 CL.	RF	APV	FB 2P FL FS (C276EQUIL)	HAST	RPTFE CW12MW BODY	3
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	LCB	316 TRIM PTFE SEAT GRP PKG	16
BALL	100	4	150 CL.	RFSF	JC	FB 2P FS LO LD NACE 515LIT	LCC	316 TRIM PTFE SEAT GRP PKG	6
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO LD CLVI 329+CC-ST.	WCB	316+ST#6 TRIM ST#6 SEAT GRP/PKG	3
BALL	100	4	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE SLFSBV01	WCB	316 TRIM RPTFE SEAT GRP PKG	65
BALL	100	4	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AICG OFFSHORE	WCB	316 TRIM CGPTFE SEAT GRP PKG	80
BALL	100	4	150 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 515AIT	WCB	316 TRIM PTFE SEAT GRP PKG	220
BALL	100	4	150 CL.	RFSF	JC	RB 1P FL FS LO 316 LD NACE 715AICG OFFSHORE	WCB	316 TRIM CGPTFE SEAT GRP PKG	40
BALL	100	4	150 CL.	RFSF	JC	RB 1P FL FS LO 316 LD NACE 715AIT	WCB	316 TRIM PTFE SEAT GRP PKG	50
BALL	100	4	150 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	316	316 TRIM RPTFE SEAT VGLT/GRP	6
BALL	100	4	150 CL.	RFSF	SFEROVA	FB 3P FL FS LO LD NACE	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	12
BALL	100	4	150 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	20
BALL	100	4	150 CL.	RFSF	ORSENIGO	RB WB TM FS LO LD NACE SI	LF2	316 TRIM RPTFE SEAT VAED/GRP	1
BALL	100	4	150 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	ENP TRIM RPTFE SEAT VAED/GRP	14
BALL	100	4	150 CL.	RFSF	STARLINE	FB 2P FL FS LO LD NACE 175*GS-G	LF2	316 TRIM PEEK/CGPTFE/GRP SEAT	3
BALL	100	4	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO LD NACE SI	A105/LF2	ENP TRIM RPTFE SEAT VAED/GRP	12
BALL	100	4	300 CL.	RFSF	APV	FB 2P FL FS LO LD	CF8	304 TRIM PTFE SEAT PTFE PKG	11
BALL	100	4	300 CL.	RFSF	APV	FB 2P FL FS LO LD	CF8M	316 TRIM PTFE SEAT GRP PKG	16
BALL	100	4	300 CL.	RFSF	APV	FB 2P FL FS LO LD CL VI UNI-D	CF8M	316+STELL TRIM STELL SEAT GRP PKG	2
BALL	100	4	300 CL.	RFSF	JC	RB 1P FL FS LO LD 730IIT	CF8M	316 TRIM PTFE SEAT GRP PTFE PKG	7
BALL	100	4	300 CL.	RFSF	APV	FB 2P FL FS LO LD NACE	LCB	316 TRIM RPTFE SEAT GRP PKG	20
BALL	100	4	300 CL.	BW40	ORSENIGO	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM PTFE SEAT VAED/GRP	6
BALL	100	4	300 CL.	BW40	ORSENIGO	FB WB TM FS GO NACE SI	LF2	316 TRIM RPTFE SEAT VGLT/GRP	4
BALL	100	4	300 CL.	RFSF	SFEROVA	FB 2P FL FS LO LD NACE	LF2	316 TRIM PTFE SEAT GRP PKG	4
BALL	100	4	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO LD NACE SI	LF2	316 TRIM RPTFE SEAT VAED/GRP	7
BALL	100	4	300 CL.	RFSF	APV	FB 2P FL FS LO LD CL	WCB	TCC TRIM STELL SEAT GRP PKG	1
BALL	100	4	300 CL.	RFSF	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM CPTFE SEAT GRP PKG	24
BALL	100	4	300 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM CGPTFE SEAT GRP PKG	18
BALL	100	4	300 CL.	RFSF	APV	FB 2P TM FS GO LD NACE SI	WCB	316 TRIM CPTFE SEAT VAED/GRP	12
BALL	100	4	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530AICG OFFSHORE	WCB	316 TRIM CGPTFE SEAT GRP PKG	10
BALL	100	4	300 CL.	RFSF	JC	FB 2P FL FS LO 316 LD NACE 530AIT	WCB	316 TRIM PTFE SEAT GRP PKG	110
BALL	100	4	300 CL.	RFSF	JC	RB 1P FL FS LO 316 LD NACE 730AIT	WCB	316 TRIM PTFE SEAT GRP PKG	8
BALL	100	4	600 CL.	RFSF	JC	FB 3P TM FS LO NACE SI	316	316 TRIM CPTFE SEAT VAED/GRP	4
BALL	100	4	600 CL.	BW80	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	8

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	100	4	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	40
BALL	100	4	600 CL.	RFSF	SFEROVA	FB 3P TM FS LO (316) NACE SI	A105/LF2	316 TRIM PEEK SEAT FR58/90-GRP	20
BALL	100	4	600 CL.	RFSF	SFEROVA	FB 3P TM FS LO (316) NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	80
BALL	100	4	600 CL.	RFSF	SFEROVA	RB 3P TM FS LO (316) NACE SI	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	30
BALL	100	4	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	50
BALL	100	4	600 CL.	RTJUC	STARLINE	FB 3P TM FS LO LD NACE SI 105NGV	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	10
BALL	100	4	600 CL.	RTJUC	STARLINE	RB 3P TM FS LO LD NACE SI 205NGV	A105/LF2	316 TRIM DEVLON SEAT FR5890/GRP	18
BALL	100	4	600 CL.	RTJUC	STARLINE	RB 3P TM FS LO LD NACE SI 205NGV	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	8
BALL	100	4	600 CL.	RTJUC	STARLINE	RB 3P TM FS LO LD NACE SI 205NGV	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	8
BALL	100	4	600 CL.	RTJUC	STARLINE	RB 3P TM FS LO LD NACE SI 205NGV	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	8
BALL	100	4	600 CL.	RFSF	APV	FB 3P TM FS LO NACE SI	A105N	316 TRIM RPTFE SEAT VAED/GRP	30
BALL	100	4	600 CL.	RFSF	APV	FB 2P TM FS LO LD NACE SI	CF8	304 TRIM RPTFE SEAT VAED/GRP	3
BALL	100	4	600 CL.	RFSF	APV	FB 2P FL FS LO SI	CF8M	316 TRIM RPTFE SEAT GRP PKG	2
BALL	100	4	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	CF8M	316 TRIM RPTFE SEAT VGLT/ GRP	5
BALL	100	4	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	F51	F51 TRIM RPTFE SEAT VAED/GRP	2
BALL	100	4	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	F51	F51 TRIM RPTFE SEAT VAED/GRP	2
BALL	100	4	600 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	F51	F51 TRIM CPTFE SEAT VAED/GRP	10
BALL	100	4	600 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	F51	F51 TRIM CPTFE SEAT VAED/GRP	3
BALL	100	4	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	F51	F51 TRIM PEEK SEAT VAED/GRP	10
BALL	100	4	600 CL.	BW80PUP	ORSENIGO	FB <b>WB</b> TM FS GO NACE SI INTEG	LF2	316 TRIM RPTFE SEAT GRP PKG	1
BALL	100	4	600 CL.	RFSF	SFEROVA	FB 3P TM FS LO NACE SI	LF2	316 TRIM RPTFE SEAT VAED/GRP	69
BALL	100	4	600 CL.	RFXBW40	SFEROVA	FB 3P TM FS LO LD NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	100	4	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	316	F51 TRIM DEVLON SEAT VAED/GRP	3
BALL	100	4	900 CL.	RTJUC	APV	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	16
BALL	100	4	900 CL.	RTJUC	NEWCO	RB 3P TM FS LO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	3
BALL	100	4	900 CL.	RTJ	ORSENIGO	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	49
BALL	100	4	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	30
BALL	100	4	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VGLT/ED GRP	40
BALL	100	4	900 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	4
BALL	100	4	900 CL.	RFSF	NBV	FB TE TM FL FS GO	CF3M	316L+STELL TRIM STELL SEAT	1
BALL	100	4	900 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	F51	F51 TRIM PEEK SEAT VAED/ GRP	2
BALL	100	4	1000 PSI	BSP	SUPERSEAL	FB 3P FL LO LD	316	316 TRIM POM SEAT PTFE PKG	11
BALL	100	4	1440 CL.	NPT	SFEROVA	FB 2P FL FS LO LD NACE 600CL	A105/LF2	316 TRIM DELRIN SEAT VAED/GRP	11
BALL	100	4	1440 PSI	NPT	STARLINE	RB 3P FL FS LO T213-NGV-G	A105N	316 TRIM DEVLON SEAT GRP PKG	6
BALL	100	4	1440 CL.	SW	STARLINE	RB 3P FL FS LO T213-NGV-G	A105N	316 TRIM DEVLON SEAT GRP PKG	2
BALL	100	4	1500 CL.	RTJUC	JC	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	5
BALL	100	4	1500 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VGLT/ED GRP	5
BALL	100	4	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VGLT/ED GRP	33
BALL	100	4	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM PEEK SEAT VAED/GRP	20
BALL	100	4	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VGLT/GRP	17
BALL	100	4	1500 CL.	RFSF	APV	FB 3P <b>TM</b> FS LO LD NACE SI	A105N	316 TRIM RPTFE SEAT VAED/GRP	8
BALL	100	4	1500 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	F51	F51 TRIM PEEK SEAT VAED/GRP	1
BALL	100	4	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	F51 TRIM DEVLON SEAT E985/GRP	12
BALL	100	4	2000 PSI	NPT	APV	FB 2P FL FS LO NACE	A105	316 TRIM DEVLON SEAT VAED/GRP	16
BALL	100	4	2000 PSI	NPT	APV-FLOWTURN	FB 2P FL FS <b>C/W DEADMAN LEVER</b>	A105/316	316 TRIM POM/RPTFE SEAT	10
BALL	100	4	2500 CL.	RFSF	APV	FB 3P TM FS GO NACE SI CLVI	316	316+STELL TRIM STELL SEAT GRP PKG	1
BALL	100	4	2500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VGLT/ED GRP	3
BALL	100	4	2500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	316 TRIM PEEK SEAT VAED/GLT GRP	2
BALL	100	4	2500 CL.	RTJ	STARLINE	FB 3P TM FS LO NACE SI	LF2	316 TRIM PEEK SEAT E985/GRP	3
BALL	100	4	2500 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI	LF2	316 TRIM PEEK SEAT E985/GRP	2
BALL	100	4	3000 PSI	RTJ	SFEROVA	FB 3P TM FS GO NACE SI 4 1/16" 6A	4140	ENP TRIM DEVLON SEAT VAED/GRP	3
BALL	100	4	3000 PSI	NPT	APV	FB 2P FL FS LO NACE	A105	316 TRIM DEVLON SEAT 17-4PH STEM GRF	6
BALL	100	4	3000 PSI	NPT	SFEROVA	RB 3P FL FS LO	A105N	316 TRIM DELRIN SEAT GRP/VITON	3
BALL	100	4	5000 PSI	RTJ	APV	FB 3P TM FS GO NACE SI 4 1/16" 6A	4140	17-4PH TRIM DEVLON SEAT VAED/GRP	2
BALL	100	4	TABLE E	FF	SUPERSEAL	FB 2P FL NF LO 229 F TO F	CF8	304 TRIM PTFE SEAT PTFE PKG	8
BALL	100	4	TABLE E	FF	SUPERSEAL	FB 2P FL NF LO 229 F TO F	CF8M	316 TRIM PTFE SEAT PTFE PKG	7
BALL	125	5	150 CL.	RFSF	SFEROVA	FB 3P TM FS LO SI	A105/LF2	316 TRIM PTFE SEAT GRP PKG VAED	2
BALL	125	5	150 CL.	RFSF	APV	FB 2P FL FS LO 356 F TO F	WCB	304 TRIM PTFE SEAT GRP PKG	2
BALL	125	5	300 CL.	UNDRILLRF	SFEROVA	FB 3P <b>TM</b> FS LO SI	LF2	316 TRIM RPTFE SEAT PTFE GRP PKG VAEI	2
BALL	125	5	300 CL.	UNDRILLRF	APV	FB 2P FL FS LO 381 F TO F	WCB	316 TRIM PTFE SEAT PTFE PKG	1
BALL	150	6	125 CL.	UNDRILLFF	SUPERSEAL	FB 2P FL NF LO 267 F TO F	CI	304 TRIM PTFE SEAT PTFE PKG	8
BALL	150	6	150 CL.	RFSF	JC	FB 3P <b>TM</b> FS GO NACE SI 6015	A105/LF2	316 TRIM CPTFE SEAT VAED/GRP	12
BALL	150	6	150 CL.	RFSF	SFEROVA	FB 3P FL FS LO LD	A105/LF2	316 TRIM RPTFE SEAT GRP PKG	4
BALL	150	6	150 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS GO NACE SI	A105/LF2	316 TRIM CPTFE SEAT VAED/GRP	30
BALL	150	6	150 CL.	RFSF	SFEROVA	FB 3P <b>TM</b> FS GO NACE SI	A105/LF2	ENPH TRIM CPTFE SEAT VAED/GRP	30
BALL	150	6	150 CL.	RF	APV	FB 2P FL FS LO LD	A20	A20 TRIM RPTFE SEAT	3
BALL	150	6	150 CL.	RFSF	APV	FB 2P FL FS LO LD 267 F TO F <b>SP</b>	CF8	304 TRIM PTFE SEAT GRP PKG	3
BALL	150	6	150 CL.	RFSF	APV	FB 2P FL FS LO LD 267 F TO F <b>SP</b>	CF8M	316 TRIM PTFE SEAT GRP PKG	3
BALL	150	6	150 CL.	RFSF	APV	FB 2P <b>TM</b> FS GO SI	CF8M	316 TRIM RPTFE SEAT PTFE/GRP	3
BALL	150	6	150 CL.	RFSF	APV	RB 1P FL FS LO LD 267 F TO F <b>SP</b>	CF8M	316 TRIM PTFE SEAT GRP PKG	4
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS GO NACE SI 515IIT	CF8M	316 TRIM RPTFE SEAT GRP+PTFE PKG	8

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 267 F TO F SP	CF8M	316 TRIM PTFE SEAT GRP PKG	2
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 515IIT	CF8M	316 TRIM PTFE SEAT GRP+PTFE PKG	14
BALL	150	6	150 CL.	RF	APV	FB 2P FL FS LO LD	F51	F51 TRIM RPTFE SEAT	3
BALL	150	6	150 CL.	RFSF	SFEROVA	FB 3P FL FS LO LD	F51	316 TRIM DELRIN SEAT VGLT/ED/GRP	2
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 515LIT	LCC	316 TRIM PTFE SEAT GRP PKG	5
BALL	150	6	150 CL.	RFSF	APV	FB 2P FL FS GO-316 NACE 515AICG OFFSHORE SI	WCB	304 TRIM PTFE SEAT GRP PKG	3
BALL	150	6	150 CL.	RFSF	APV	FB 2P FL FS LO LD SLF5BV01	WCB	ENPH TRIM RPTFE SEAT GRP PKG	10
BALL	150	6	150 CL.	RFSF	APV	RB 1P FL FS LO LD SP SLF5BV02	WCB	316 TRIM CPTFE SEAT GRP PKG	10
BALL	150	6	150 CL.	UNDRILLRF	APV	SB 2P FL FS LO LD 267 F TO F SP	WCB	316 TRIM PTFE SEAT GRP PKG	1
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS GO CL VI 3515	WCB	316+STELL TRIM STELL SEAT GRP/GRP	2
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS GO NACE 515AIT	WCB	316 TRIM PTFE SEAT GRP PKG	16
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS GO-316 NACE 515AICG OFFSHORE SI	WCB	316 TRIM PTFE/CGPTFE SEAT GRP PKG	10
BALL	150	6	150 CL.	RFSF	JC	FB 2P FL FS LO LD NACE 515AIT	WCB	316 TRIM RPTFE SEAT GRP PKG	30
BALL	150	6	150 CL.	RFSF	JC	SB 1P FL FS LO LD NACE SP 715AICG	WCB	316 TRIM CGPTFE SEAT GRP PKG	12
BALL	150	6	150 CL.	RFSF	AUTOMAC	SB 2P FL LO LD 267 F TO F SP TFE LINE	WCB/TFE	PTFE BALL PTFE SEAT PTFE PKG	1
BALL	150	6	150 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS9000	WCC	316 TRIM RPTFE SEAT VAED/GRP	20
BALL	150	6	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO LD NACE SI	316	316 RPTFE SEAT VGLT//ED/GRP	2
BALL	150	6	300 CL.	RFSF	JC	FB 3P TM FS GO LD NACE SI 6030	A105/LF2	ENPH TRIM CGPTFE SEAT VAED/GRP	5
BALL	150	6	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM PEEK SEAT VAED B/GRP	4
BALL	150	6	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	6
BALL	150	6	300 CL.	RFSF	SFEROVA	FB 3P TM FS LO LD NACE SI	A105/LF2	ENP TRIM CPTFE SEAT VAED/GRP	4
BALL	150	6	300 CL.	UNDRILLRF	APV	FB 2P FL FS GO SLF5BV01	CF8	304 TRIM PTFE SEAT GRP/PTFE PKG	2
BALL	150	6	300 CL.	RFSF	APV	FB 2P FL FS GO NACE	CF8M	316 TRIM PTFE SEAT GRP PKG	6
BALL	150	6	300 CL.	RFSF	APV	FB 2P TM FS GO NACE	CF8M	316 TRIM RPTFE SEAT PTFE/GRP PKG	2
BALL	150	6	300 CL.	RFSF	JC	FB 2P FL FS GO NACE 530AII/AICG	CF8M	316 TRIM CGPTFE/PTFE SEAT GRP PKG	2
BALL	150	6	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO LD NACE SI	F51	F51 TRIM CPTFE SEAT VAED/GRP	1
BALL	150	6	300 CL.	BW40PUP	ORSENIGO	FB WB TM FS GO NACE SI INTEG	LF2	316 TRIM PTFE SEAT VAED/GRP	1
BALL	150	6	300 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	316+TCC TRIM STELL SEAT	1
BALL	150	6	300 CL.	RFSF	APV	FB 2P TM FS GO LD NACE 530AIT	WCB	316 TRIM PTFE SEAT GRP PKG	13
BALL	150	6	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS9000	WCB	316 TRIM RPTFE SEAT VAED/GRP	10
BALL	150	6	300 CL.	RFSF	APV	FB 2P TM FS GO-316 LD NACE	WCB	316 TRIM CGPTFE SEAT GRP PKG	8
BALL	150	6	300 CL.	UNDRILLRF	APV	FB 2P FL FS GO CL VI 329+CC ST.	WCB	316+ST#6 TRIM ST#6 SEAT GRP/GRP	2
BALL	150	6	300 CL.	RFSF	JC	FB 2P FL FS GO 316 NACE 530AICG OFFSHORE SI	WCB	316 TRIM CGPTFE SEAT GRP PKG	30
BALL	150	6	300 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2530 AICG	WCB	316 TRIM RPTFE SEAT VAED/GRP	30
BALL	150	6	300 CL.	RFSF	APV	FB 2P FL FS GO NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	7
BALL	150	6	300 CL.	UNDRILLRF	APV	FB 2P FL FS GO NACE	WCB	316 TRIM PTFE SEAT GRP PKG	2
BALL	150	6	600 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	316	316 TRIM DEVLON SEAT PTFE/GRP	2
BALL	150	6	600 CL.	RFSF	PBVS	RB 3P TM FS GO EXT BONNET	316/L	316 TRIM PEEK SEAT VGLT/GRP	1
BALL	150	6	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VGLT/ED GRP	70
BALL	150	6	600 CL.	RFSF	SFEROVA	RB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	100
BALL	150	6	600 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	60
BALL	150	6	600 CL.	RFSF	APV	FB 3P TM FS GO NACE BVF100	A105/LF2	ENPH TRIM RPTFE SEAT VAED/GRP	14
BALL	150	6	600 CL.	RFSF	JC	FB 3P TM FS GO NACE SI 6060	A105/LF2	F6A TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	600 CL.	RFSF	JC	FB 3P TM FS GO NACE SI 6060	A105/LF2	F6A TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	600 CL.	RFSF	JC	FB 3P TM FS GO NACE SI 6060	A105/LF2	F6A TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	600 CL.	RFSF	JC	FB 3P TM FS GO NACE SI 6060	A105/LF2	F6A TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM PEEK SEAT VGLT/ED GRP	30
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	8
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO LD NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO LD NACE SI 205NGV	A105/LF2	316 TRIM DEVLON SEAT FR5890/GRP	6
BALL	150	6	600 CL.	RFXPUPBW80	OMB	FB 3P TM FS GO SI NDE	A105N	316 TRIM NYLON SEAT VITONB/GRP	3
BALL	150	6	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	CF8	304 TRIM RPTFE SEAT PTFE/GRP	1
BALL	150	6	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS900	CF8M	316 TRIM RPTFE SEAT GRP/VAED	5
BALL	150	6	600 CL.	RTJUC	JC	FB 3P TM FS GO NACE SI 6060	LF2	316 TRIM DEVLON SEAT VAED/GRP	60
BALL	150	6	600 CL.	BW40	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	6
BALL	150	6	600 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2560AIGF	WCB	316 TRIM PTFE SEAT VAED/GRP	37
BALL	150	6	600 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2560AIGF	WCB	316 TRIM PTFE SEAT VAED/GRP	37
BALL	150	6	600 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2560AIGF	WCB	316 TRIM PTFE SEAT VAED/GRP	37
BALL	150	6	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS9000	WCC	316 TRIM DELRIN SEAT VAED/GRP	20
BALL	150	6	600 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2560AIGF/AIDV	WCC	316 TRIM DEVLON/RPTFE SEAT VAED/GRP	40
BALL	150	6	900 CL.	RTJUC	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM NYLON SEAT FR59/90-GRP	5
BALL	150	6	900 CL.	RTJUC	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	5
BALL	150	6	900 CL.	RTJUC	NEWCO	RB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM NYLON SEAT FR59/90-GRP	6
BALL	150	6	900 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VAED/GRP	14
BALL	150	6	900 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	150	6	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO LD NACE SI 6015	A105/LF2	316 TRIM CGPTFE SEAT VGLT/ED GRP	12



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	150	6	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	900 CL.	RFSF	SFEROVA	RB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	8
BALL	150	6	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VGLT/ED GRP	20
BALL	150	6	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	10
BALL	150	6	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM PEEK SEAT VGLT/ED GRP	20
BALL	150	6	900 CL.	RTJUC	SFEROVA	RB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	8
BALL	150	6	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	F51	F51 TRIM DEVLON SEAT VAED/GRP	1
BALL	150	6	900 CL.	BW80	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAED/GRP	4
BALL	150	6	900 CL.	RTJ	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	40
BALL	150	6	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	20
BALL	150	6	900 CL.	RTJUC	STARLINE	RB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT E985/GRP	4
BALL	150	6	1500 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM NYLON SEAT VAED/GRP	12
BALL	150	6	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM PEEK SEAT VAED/GRP	1
BALL	150	6	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	12
BALL	150	6	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	8
BALL	150	6	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	7
BALL	150	6	1500 CL.	RTJUC	STARLINE	RB 3P TM FS GO NACE SI 205NGV	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	4
BALL	150	6	2500 CL.	RTJ	STARLINE	FB 3P TM FS GO NACE SI	LF2	316L TRIM NYLON SEAT VITON/GRP	4
BALL	150	6	5000 PSI	RTJ	ORSENIGO	FB 3P TM FS GO NACE SI 6A 6 3/8" ID	4140	F51 TRIM DEVLON SEAT VAED/GRP	1
BALL	150	6	5000 PSI	RTJ	SFEROVA	FB TE TM FS GO NACE SI 6A 6 3/8" ID	LF2	ENP TRIM DEVLON SEAT VAED/GRP	3
BALL	150	6	TABLE E	FF	SUPERSEAL	FB 2P FL NF LO 390 F TO F	WCB	F6 TRIM PTFE SEAT PTFE PKG	7
BALL	175	7 1/16	5000 PSI	RTJ		SEE 6" 5000 (6 1/8" - 5000)			
BALL	200	8	150 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	4
BALL	200	8	150 CL.	RFSF	SFEROVA	FB 3P FL FS GO NACE	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	13
BALL	200	8	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM PTFE SEAT VGLT/ED GRP	8
BALL	200	8	150 CL.	RFSF	SFEROVA	RB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/GRP	4
BALL	200	8	150 CL.	UNDRILL	APV	FB 2P FL FS GO	CF8	304 TRIM PTFE SEAT PTFE GRP PKG	1
BALL	200	8	150 CL.	UNDRILLRF	APV	FB 2P FL FS LO LD SLFSBV01	CF8	304 TRIM RPTFE SEAT GRP PKG	6
BALL	200	8	150 CL.	RFSF	APV	RB 1P FL FS LO LD SP	CF8M	316 TRIM RPTFE SEAT GRP/PTFE/PKG	2
BALL	200	8	150 CL.	RFSF	JC	FB 2P FL FS GO NACE 515IIT	CF8M	316 TRIM RPTFE SEAT GRP+PTFE PKG	6
BALL	200	8	150 CL.	RFSF	JC	FB 2P TM FS GO NACE SI FS9000	CF8M	316 TRIM RPTFE SEAT VAED/GRP	2
BALL	200	8	150 CL.	RFSF	JC	RB 1P FL LO LD SP	CF8M	316 TRIM PTFE SEAT GRP PKG	2
BALL	200	8	150 CL.	RFSF	JC	FB 2P FS GO NACE 515 LIT	LCC	316 TRIM RPTFE SEAT GRP PKG	6
BALL	200	8	150 CL.	RFSF	JC	FB 2P FS GO NACE 515 LIT	LCC	316 TRIM RPTFE SEAT GRP PKG	6
BALL	200	8	150 CL.	RFSF	JC	FB 2P FS GO NACE 515 LIT	LCC	316 TRIM RPTFE SEAT GRP PKG	6
BALL	200	8	150 CL.	RFSF	JC	FB 2P FS GO NACE 515 LIT	LCC	316 TRIM RPTFE SEAT GRP PKG	6
BALL	200	8	150 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	ENP TRIM CPTFE SEAT VAED/GRP	4
BALL	200	8	150 CL.	RFSF	APV	FB 2P FL FS GO NACE 515AIT	WCB	316 TRIM RPTFE SEAT GRP PKG	25
BALL	200	8	150 CL.	RFSF	APV	FB 2P FL FS LO LD NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	38
BALL	200	8	150 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS9000	WCB	316 TRIM RPTFE SEAT VAED/GRP	7
BALL	200	8	150 CL.	RFSF	APV	RB 1P FL FS LO NACE SP	WCB	316 TRIM CPTFE SEAT GRP PKG	5
BALL	200	8	150 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2515AIGF	WCB	316 TRIM RPTFE SEAT VAED/GRP	30
BALL	200	8	150 CL.	RFSF	JC	RB 1P FL LO LD SP 715 AICG	WCB	316 TRIM CGPTFE SEAT GRP PKG	18
BALL	200	8	300 CL.	BW40	APV	FB WB TM FS GO NACE SI	A105N	316 TRIM PTFE SEAT VAED/GRP	1
BALL	200	8	300 CL.	RFSF	APV	FB 2P FL FS GO	CF8	304 TRIM RPTFE SEAT GRP PKG	1
BALL	200	8	300 CL.	RFSF	APV	FB 2P FL FS GO NACE SLFSBV01	CF8M	316 TRIM PTFE SEAT GRP/PTFE PKG	2
BALL	200	8	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS9000	CF8M	316 TRIM RPTFE SEAT VGLT/ED GRP	4
BALL	200	8	300 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	7
BALL	200	8	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	5
BALL	200	8	300 CL.	RFSF	JC	FB 2P FL FS GO NACE SI 2530AIGF	WCB	316 TRIM RPTFE SEAT GRP PKG	6
BALL	200	8	300 CL.	RFSF	JC	RB 1P FL FS LO NACE SP 730AIGF	WCB	316 TRIM CGPTFE SEAT GRP PKG	2
BALL	200	8	300 CL.	RFSF	ORBIT	RB TE TM BB 1233H8RFM OSY HIGH TEMP	WCC	13CR TRIM 13CR SEAT GRP PKG	1
BALL	200	8	600 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	316	316 TRIM RPTFE SEAT VAED GRP	1
BALL	200	8	600 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT FR58/90-GRP	5
BALL	200	8	600 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT FR58/90/GRP	3
BALL	200	8	600 CL.	RFSF	JC	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	8
BALL	200	8	600 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VAED/GRP	10
BALL	200	8	600 CL.	BW80	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	5
BALL	200	8	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	10
BALL	200	8	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	ENPH TRIM DEVLON SEAT FR58/90-GRP	26
BALL	200	8	600 CL.	RFSF	SFEROVA	RB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	8
BALL	200	8	600 CL.	RFSF	SFEROVA	RB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VAED/GRP	4
BALL	200	8	600 CL.	RFXBW40	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VAED/GRP	5
BALL	200	8	600 CL.	RFXBW80	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VAED/GRP	7
BALL	200	8	600 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAED/GRP	21
BALL	200	8	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VGLT/ED GRP	22
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 100NGE	A105/LF2	410 TRIM DEVLON SEAT E985/GRP	4
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 100NGE	A105/LF2	410 TRIM DEVLON SEAT E985/GRP	4
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 100NGE	A105/LF2	410 TRIM DEVLON SEAT E985/GRP	4
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 100NGE	A105/LF2	410 TRIM DEVLON SEAT E985/GRP	4

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	2
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	2
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	2
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	2
BALL	200	8	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI	A105/LF2	410 TRIM DEVLON SEAT FR58/90/GRP	2
BALL	200	8	600 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2560AIGF	WCB	316 TRIM RPTFE SEAT VAED/GRP	26
BALL	200	8	900 CL.	RTJUC	APV	FB 3P TM FS GO NACE SI	A105/LF2	F6A TRIM PEEK SEAT VGLT/ED GRP	1
BALL	200	8	900 CL.	RTJUC	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM NYLON SEAT FR58/90-GRP	2
BALL	200	8	900 CL.	RTJUC	NEWCO	RB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM NYLON SEAT FR58/90+GRP	6
BALL	200	8	900 CL.	BW80	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	2
BALL	200	8	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	6
BALL	200	8	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	5
BALL	200	8	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	3
BALL	200	8	900 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM PEEK SEAT VAED/GRP	7
BALL	200	8	900 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	7
BALL	200	8	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VGLT/ED GRP	4
BALL	200	8	900 CL.	RTJ	RINGO	FB 2P TM FS GO NACE SI	LCC	316 TRIM NYLON SEAT VAED/GRP	4
BALL	200	8	1500 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VAED/GRP	2
BALL	200	8	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI OFFSHORE SPEC	A105/LF2	F51 TRIM DEVLON SEAT VAED/GRP	6
BALL	200	8	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT GLT AED/GRP	5
BALL	200	8	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM PEEK SEAT GLT VAED/GRP	2
BALL	200	8	1500 CL.	GRAYLOK	ORSENIGO	RB 3P TM FS GO NACE GALPERTI 8GR72	F51	F51 TRIM DEVLON SEAT VAED/GRP	1
BALL	200	8	1500 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	F51	F51 TRIM DEVLON SEAT AED LIP GRP	2
BALL	200	8	1500 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	ENP TRIM PEEK SEAT VAED/GRP	4
BALL	200	8	2500 CL.	RTJ	RINGO	FB 3P TM FS GO NACE SI	A105N	ENP TRIM NYLON SEAT AEDGLT/GRP	1
BALL	200	8	2500 CL.	RTJ	PBVS	RB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAED/GRP	1
BALL	200	8	3000 PSI	RTJ	APV	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM PEEK SEAT AEDGLT/GRP	1
BALL	225	9	300 CL.	RFSF	APV	FB 2P FL FS GO NACE	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	FB 2P FL FS GO NACE	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	FB 2P FL FS GO NACE	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	FB 2P FL FS GO NACE	CF8M	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	RB 2P FL FS GO NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	RB 2P FL FS GO NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	RB 2P FL FS GO NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	4
BALL	225	9	300 CL.	RFSF	APV	RB 2P FL FS GO NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	4
BALL	250	10	150 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VAED/GRP	4
BALL	250	10	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	9
BALL	250	10	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	18
BALL	250	10	150 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	A105N	ENP TRIM RPTFE SEAT VAED/GRP	10
BALL	250	10	150 CL.	FF	HINDLE	RB 1P FL FS GO SP	ABZ	ABZ TRIM PTFE SEAT PTFE PKG	1
BALL	250	10	150 CL.	RFSF	APV	FB 2P FL FS GO	CF8	304 TRIM PTFE SEAT GRP PKG	2
BALL	250	10	150 CL.	RFSF	APV	FB 2P FL FS GO	CF8M	316 TRIM PTFE SEAT GRP PKG	4
BALL	250	10	150 CL.	RFSF	APV	RB 1P FL FS GO SLFSBV02	CF8M	316 TRIM RPTFE SEAT GRP PKG	1
BALL	250	10	150 CL.	RFSF	JC	FB 2P TM FS GO SI 2515	CF8M	316 TRIM RPTFE SEAT PTFE/GRP	4
BALL	250	10	150 CL.	RFSF	KITZ	RB 1P FL FS GO NACE SP	CF8M	316 TRIM RPTFE SEAT GRP PKG	7
BALL	250	10	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	316 TRIM RPTFE SEAT VGLT/GRP	4
BALL	250	10	150 CL.	RFSF	APV	FB 2P FL FS GO NACE	WCB	316 TRIM RPTFE SEAT GRP PKG	11
BALL	250	10	150 CL.	RFSF	APV	FB 2P FL FS GO NACE	WCB	ENP TRIM RPTFE SEAT GRP PKG	20
BALL	250	10	150 CL.	RFSF	APV	RB 1P FL FS GO NACE SP SLFSBV02	WCB	316 TRIM RPTFE SEAT GRP PKG	2
BALL	250	10	150 CL.	RFSF	APV	RB 2P FL FS GO NACE SP	WCB	316 TRIM PTFE SEAT GRP PKG	3
BALL	250	10	150 CL.	RFSF	JC	RB 1P FL FS GO NACE SP 715AIG	WCB	316 TRIM CGPTFE SEAT GRP PKG	4
BALL	250	10	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VAED/GRP	6
BALL	250	10	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	6
BALL	250	10	300 CL.	RFSF	APV	FB 3P TM FS GO FS9000	A105N	316 TRIM CPTFE SEAT VAED/GRP	4
BALL	250	10	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI FS900	CF8M	316 TRIM CPTFE SEAT GRP PKG	1
BALL	250	10	300 CL.	RF	JC	FB 2P TM FS GO NACE 1530	CF8M	316 TRIM RPTFE SEAT PTFE/GRP	1
BALL	250	10	300 CL.	RFSF	APV	FB 3P TM FS GO	LF2	316+STELL TRIM STELL SEAT GRP PKG	2
BALL	250	10	300 CL.	RFSF	APV	FB 2P FL FS GO SLFSBV01	WCB	316 TRIM CPTFE SEAT GRP PKG	5
BALL	250	10	300 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2530AIGF	WCB	316 TRIM CPTFE SEAT VAED/GRP	4
BALL	250	10	300 CL.	RFSF	ORBIT	RB TE TM FS HW 1233H8RFM OSY	WCC	13CR TRIM 316 SEAT METAL SEAT	1
BALL	250	10	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	16
BALL	250	10	600 CL.	RFSF	SFEROVA	RB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	1
BALL	250	10	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT VGLT/ED GRP	3
BALL	250	10	600 CL.	RFSF	STARLINE	RB 3P TM FS GO NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	1
BALL	250	10	600 CL.	RFSF	STARLINE	RB 3P TM FS GO NACE SI 205NGE	A105/LF2	316 TRIM DEVLON SEAT E985/GRP	1
BALL	250	10	600 CL.	RFSF	STARLINE	RB 3P TM FS GO NACE SI 205NGE	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	1
BALL	250	10	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM PEEK SEAT E985/GRP	2
BALL	250	10	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM PEEK SEAT E985/GRP	2
BALL	250	10	600 CL.	RTJUC	STARLINE	FB 3P TM FS GO NACE SI 105NGE	A105/LF2	F51 TRIM PEEK SEAT E985/GRP	2
BALL	250	10	600 CL.	RFXBWXSPUP OMB		FB 3P TM FS GO NACE SI NDT	A105N	316 TRIM NYLON SEAT GRP VAED/GRP	1
BALL	250	10	600 CL.	RFSF	APV	FB 2P TM FS GO SI	CF8M	316 TRIM DEVLON SEAT VAED/GRP	1

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	250	10	600 CL.	RFSF	JC	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT VAED/GRP	5
BALL	250	10	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAED/GRP	12
BALL	250	10	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VGLT/GRP	3
BALL	250	10	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	316 TRIM PEEK SEAT VGLT/GRP	3
BALL	250	10	900 CL.	RTJUC	NEWCO	RB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM NYLON SEAT FR58/90-GRP	2
BALL	250	10	1500 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VAED/GRP	3
BALL	250	10	900 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM PEEK SEAT VAED/GRP	3
BALL	250	10	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM PEEK SEAT VGLT/ED GRP	2
BALL	250	10	900 CL.	RTJUC	NEWCO	RB 3P TM FS GO NACE SI	F51	316 TRIM NYLON SEAT E985/GRP	2
BALL	250	10	900 CL.	HUB	ORSENIGO	FB 3P TM FS GO GALPERTI ENDS	F51	F51 TRIM DEVLON SEAT VAED/GRP	1
BALL	250	10	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	F51 TRIM DEVLON SEAT FR58/90/GRP	3
BALL	250	10	1500 CL.	RTJ	PIBIVIESSE	FB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAED/GRP	1
BALL	250	10	2500 CL.	RTJ	RINGO	FB 3P TM FS GO NACE SI	A105	ENP TRIM NYLON SEAT VAED/GRP	2
BALL	250	10	2500 CL.	HUB	ORSENIGO	FB 3P TM FS GO GALPERTI ENDS	F51	F51 TRIM DEVLON SEAT VAEDGLT/GRP	1
BALL	300	12	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VAED/GRP	10
BALL	300	12	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316L TRIM RPTFE SEAT VGLT/ED GRP	6
BALL	300	12	150 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	A105N	316 TRIM RPTFE SEAT VAED/GRP	3
BALL	300	12	150 CL.	RFSF	NBV	RB TE TM FS GO NACE CLVI	CF3M	CF3M TRIM METAL SEAT GRP PKG	1
BALL	300	12	150 CL.	RFSF	JC	FB 2P TM FS GO NACE SI	CF8M	316 TRIM RPTFE SEAT VGLT/ED GRP	1
BALL	300	12	150 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	WCB	316 TRIM RPTFE TRIM VAED/GRP	11
BALL	300	12	150 CL.	RFSF	APV	RB 1P FL FS GO NACE SP	WCB	316 TRIM RPTFE SEAT VAED/GRP	2
BALL	300	12	150 CL.	RFSF	JC	RB 2P FL FS GO NACE SP	WCB	316 TRIM RPTFE SEAT GRP PKG	1
BALL	300	12	150 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2515	WCB	ENPH TRIM NYLON SEAT VAED/GRP	4
BALL	300	12	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316L TRIM DEVLON SEAT VGLT/ED GRP	4
BALL	300	12	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM RPTFE SEAT E985/GRP	10
BALL	300	12	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VAED/GRP	4
BALL	300	12	300 CL.	RFSF	SFEROVA	RB 3P TM FS GO NACE SI	A105N	ENP TRIM RPTFE SEAT VAED/GRP	4
BALL	300	12	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	CF8	304 TRIM RPTFE SEAT GRP PKG	1
BALL	300	12	300 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2530AIDV	WCB	316 TRIM RPTFE SEAT VAED/GRP	6
BALL	300	12	600 CL.	RFSF	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM RPTFE SEAT FR58/90-GRP	6
BALL	300	12	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	316 TRIM DEVLON SEAT FR58/90-GRP	10
BALL	300	12	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316L TRIM DEVLON SEAT VGLT/ED GRP	11
BALL	300	12	600 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	CF8M	CF8M TRIM CPPTFE SEAT PTFE/GRP	2
BALL	300	12	600 CL.	PUPBW80	ORSENIGO	FB WB TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VGLTAED/GRP	2
BALL	300	12	600 CL.	RFXBW	ORSENIGO	FB WB TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VGLTAED/GRP	3
BALL	300	12	600 CL.	BW80	SFEROVA	FB 3P TM FS GO NACE SI	LF2	F6 TRIM NYLON SEAT VAED/GRP	12
BALL	300	12	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	12
BALL	300	12	900 CL.	RTJUC	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM DEVLON SEAT E985/GRP	2
BALL	300	12	900 CL.	RTJUC	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT FR58/90-GRP	1
BALL	300	12	900 CL.	RFSF	ORBIT	RB TE TM FS HW 2533H	LCC	ENP TRIM PTFE SEAT T3 TRIM GRP PKG	1
BALL	300	12	900 CL.	RFSF	BREDA	FB 3P TM FS GO NACE SI	LF2	F6A+TCC TRIM TCC SEAT VAED/GRP	4
BALL	300	12	900 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	F6A TRIM PEEK SEAT VAED/GRP	1
BALL	300	12	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	3
BALL	300	12	900 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	F51 TRIM DEVLON SEAT VGLTAED/GRP	2
BALL	300	12	900 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	F51 TRIM DEVLON SEAT E985/GRP	3
BALL	300	12	1500 CL.	RTJ	SFEROVA	FB 3P TM FS GO NACE SI	316	316 TRIM RPTFE SEAT PTFE/GRP	1
BALL	300	12	1500 CL.	RTJUC	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM NYLON SEAT E985/GRP	1
BALL	300	12	1500 CL.	RTJUC	RINGO	FB 3P TM FS GO NACE SI	A105N	ENP TRIM NYLON SEAT VAED/GRP	3
BALL	300	12	1500 CL.	RTJUC	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	316 TRIM PEEK SEAT VAED/GRP	2
BALL	300	12	2500 CL.	GRAYLOK	ORSENIGO	FB 3P TM FS GO NACE SI	F51	F51 TRIM PEEK SEAT VGLTAED/GRP	1
BALL	350	14	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM DEVLON SEAT VAEDGLT/GRP	3
BALL	350	14	150 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	CF8	304 TRIM CPPTFE SEAT PTFE/GRP	1
BALL	350	14	150 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAEDGLT/GRP	3
BALL	350	14	150 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2515AIGF	WCB	316 TRIM RPTFE SEAT VAED/GRP	1
BALL	350	14	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	F6A TRIM NYLON SEATS E985/GRP	3
BALL	350	14	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	WCC	ENP TRIM POM SEAT VAED/GRP	2
BALL	350	14	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO (316) NACE SI OFFSHORE SPEC	A105/LF2	316/F51 TRIM DEVLON SEAT FR58/90-GRP	2
BALL	350	14	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM NYLON SEAT VGLT/ED GRP	3
BALL	350	14	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	F6A TRIM NYLON SEAT E985/GRP	2
BALL	400	16	150 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VGLT/ED GRP	3
BALL	400	16	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT VGLT/ED GRP	2
BALL	400	16	150 CL.	RFSF	JC	FB 2P TM FS GO NACE SI 2515AIGF	WCB	316 TRIM RPTFE VAED/GRP	2
BALL	400	16	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM RPTFE SEAT VGLT/ED GRP	1
BALL	400	16	300 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM NYLON SEAT FR58/90-GRP	1
BALL	400	16	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	WCB	CF8M TRIM CPPTFE SEAT VAED/GRP	1
BALL	400	16	600 CL.	RFSF	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM RPTFE SEAT FR58/90-GRP	4
BALL	400	16	600 CL.	RTJUC	JC	FB 3P TM FS GO NACE SI	LF2	F6A TRIM DEVLON SEAT VAED/GRP	2
BALL	400	16	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAEDGLT/GRP	3
BALL	400	16	600 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT VGLT/ED GRP	2
BALL	400	16	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	F6A TRIM DEVLON SEAT VAEDGLT/GRP	1
BALL	400	16	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	LF2	316 TRIM DEVLON SEAT E985/GRP	1

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL	450	18	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	LF2	ENPH TRIM DEVLON SEAT VGLT/ED GRP	2
BALL	450	18	150 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	WCB	316 TRIM POM SEAT VGLT/ED GRP	1
BALL	450	18	150 CL.	RFSF	SFEROVA	FB 2P TM FS GO NACE SI	WCB	316 TRIM DEVLON SEAT VGLT/ED GRP	2
BALL	450	18	300 CL.	RFSF	APV	FB 2P TM FS GO NACE SI	LCC	316 TRIM POM SEAT VGLTED/GRP	1
BALL	450	18	300 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	ENP TRIM DEVLON SEAT VAED/GRP	1
BALL	450	18	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VGLT/ED GRP	2
BALL	450	18	600 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F6A TRIM DEVLON SEAT VGLT/ED GRP	1
BALL	450	18	900 CL.	RTJUC	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	F51 TRIM NYLON SEAT VAED/GRP	1
BALL	500	20	150 CL.	RFSF	SFEROVA	FB 3P TM FS GO NACE SI	A105/LF2	ENPH TRIM DEVLON SEAT VGLT/ED GRP	1
BALL	500	20	300 CL.	RFSF	ORSENIGO	FB 3P TM FS GO NACE SI	LF2	316 TRIM PTFE SEAT VAEDGLT/GRP	1
BALL	500	20	600 CL.	RTJUC	APV	FB 3P TM FS GO NACE	A105	ENP TRIM DEVLON SEAT VAED/GRP	1
BALL	500	20	600 CL.	RFSF	RINGO	FB 3P TM FS GO NACE SI	A105	ENP TRIM NYLON SEAT VAED/GRP	2
BALL	500	20	600 CL.	BW	JC	FB 3P TM FS GO NACE SI	A105/LF2	ENP TRIM DEVLON SEAT VAED/GRP	3
BALL	500	20	600 CL.	RFSF	NEWCO	FB 3P TM FS GO NACE SI	A105/LF2	316 TRIM RPTFE SEAT E985/GRP	2
BALL	600	24	150 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT E985/GRP	3
BALL	600	24	300 CL.	RFSF	APV	FB 3P TM FS GO NACE SI	LF2	ENP TRIM NYLON SEAT VAEDGLT/GRP	3
BALL DB&B	25	1	150 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1/2" 150# RF OUT	LF2	316 BALL PCTFE SEATS VITON	5
BALL DB&B	25	1	150 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1/2" NPTF OUT	LF2	316 BALL PCTFE SEATS VITON	27
BALL DB&B	25	1	150 CL.	RFSF	GALPERTI	FB SINGLE BALL & GLOBE X 1" 150# OUT	LF2	316 BALL PCTFE SEATS VITON	18
BALL DB&B	25	1	300 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1/2" NPTF OUT	LF2	316 BALL PEEK SEATS VITON	8
BALL DB&B	25	1	600 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1/2" 600# RF OUT	LF2	316 BALL PCTFE SEATS VITON	5
BALL DB&B	25	1	600 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1/2" NPTF OUT	LF2	316 BALL PCTFE SEATS VITON	14
BALL DB&B	25	1	600 CL.	RFSF	GALPERTI	FB SINGLE BALL & GLOBE X 1" 600# RF OUT	LF2	316 BALL PCTFE SEATS VITON	12
BALL DB&B	50	2	150 CL.	RFSF	GALPERTI	FB SINGLE BALL & GLOBE X 1/2" 150# RF	LF2	316 BALL PCTFE SEATS VITON	5
BALL DB&B	50	2	600 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1" 600# RF OUT	LF2	316 BALL PCTFE SEATS VITON	11
BALL DB&B	50	2	600 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 2" 600# RF OUT	LF2	316 BALL PCTFE SEATS VITON	20
BALL DB&B	50	2	600 CL.	RFSF	GALPERTI	FB DOUBLE BALL X 1/2" NPTF OUT	LF2	316 BALL PCTFE SEATS VITON	6
BALL DB&B	50	2	900 CL.	RFSF	MERWEDE	FB DOUBLE BALL	316/L	F316L BALL PEEK SEATS (NOT SL)	2
BALL DB&B	50	2	5000 PSI	RTJ	DUBLOCK	FB DOUBLE BALL X 1/2" NPTF OUT	316	S 31803 BALL PEEK SEAT	10
BALL-MULTI	15	1/2	2000 PSI	NPT	STARLINE	FB L-PORT 3W 4P FS LO 800CL L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	8
BALL-MULTI	15	1/2	2000 PSI	NPT	STARLINE	FB T-PORT 3W 4P FS LO 800CL T5-186SGS-G	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	8
BALL-MULTI	15	1/2	2000 PSI	NPT	STARLINE	FB L-PORT 3W 4P FS LO 800CL L2-185SGS-G	A105/LF2	316 BALL 4 CGPTFE SEATS GRP PKG/BG	5
BALL-MULTI	15	1/2	2000 PSI	NPT	STARLINE	FB T-PORT 3W 4P FS LO 800CL T5-185SGG-S	A105/LF2	316 /L BALL 4 CGPTFE SEATS GRP PKG/BG	6
BALL-MULTI	20	3/4	1500 PSI	BSPT	STARLINE	FB L-PORT 3W 4P FS LO 800CL NACE L2-186SGG	316/L	316/L BALL 4 PTFE SEATS GRP PKG/BG	2
BALL-MULTI	20	3/4	1500 PSI	BSPT	STARLINE	FB T-PORT 3W 4P FS LO 800CL T5-186RGT-G	316/L	316/L BALL 4 PTFE SEATS GRP PKG/BG	10
BALL-MULTI	20	3/4	2000 PSI	NPT	STARLINE	SB L-PORT 3W 4P FS LO 800CL L2-286SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	20	3/4	2000 PSI	NPT	STARLINE	SB L-PORT 3W 4P FS LO 800CL L2-285SGS-G	A105/LF2	316/L BALL CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	25	1	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	6
BALL-MULTI	25	1	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 4P LO	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	6
BALL-MULTI	25	1	300 CL.	UNDRILLRF	FLOWTURN	FB T-PORT 3W 2P LO	CF8	316 BALL 4 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	25	1	300 CL.	RFSF	FLOWTURN	FB T-PORT 3W 2P LO	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	10
BALL-MULTI	25	1	1000 PSI	NPT	FLOWTURN	RB T-PORT 3W 3P LO LD	WCB	316 BALL 4 RPTFE SEATSS GRP PKG/BG	8
BALL-MULTI	25	1	1500 PSI	BSP	STARLINE	SB T-PORT 3W 4P FS LO 600CL T5-286SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	7
BALL-MULTI	25	1	1500 PSI	NPT	STARLINE	FB L-PORT 3W 4P FS LO 600CL L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	7
BALL-MULTI	25	1	1500 PSI	NPT	STARLINE	FB L-PORT 3W 4P FS LO 600CL L2-185SGG-S	A105/LF2	316 BALL 4 CGPTFE SEATS GRP PKG/BG	1
BALL-MULTI	25	1	1500 PSI	NPT	STARLINE	FB T-PORT 3W 4P FS LO 600CL T5-183SGG-S	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	40	1 1/2	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	40	1 1/2	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 3P LO LD	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	40	1 1/2	300 CL.	RFSF	STARLINE	SB L-PORT 3W 4P FS LO LD 286SGS-G	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	3
BALL-MULTI	40	1 1/2	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	40	1 1/2	300 CL.	UNDRILLRF	FLOWTURN	FB T-PORT 3W 1P LO LD	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	40	1 1/2	300 CL.	UNDRILLRF	FLOWTURN	FB T-PORT 3W 1P LO LD	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	2
BALL-MULTI	40	1 1/2	1000 PSI	NPT	STARLINE	FB L-PORT 3W 4P FS LO LD L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	40	1 1/2	1000 PSI	NPT	STARLINE	FB T-PORT 3W 4P FS LO T5-186SGG-S	316/L	316/L BALL 4 CGPTFE SEAT GRP PKG/BG	4
BALL-MULTI	40	1 1/2	1000 PSI	BSPT	STARLINE	SB DOUBLE L-PORT 4W 4P FS LO 295SGS-G	A105/LF2	316/L BALL 4 CGPTFE SEAT GRP PKG/BG	4
BALL-MULTI	40	1 1/2	1000 PSI	SW	STARLINE	SB L-PORT 3W 4P FS LO LD 283SGS-G	A105/LF2	316/L BALL 4 CGPTFE SEAT GRP PKG/BG	6
BALL-MULTI	50	2	150 CL.	RFSF	STARLINE	SB T-PORT 3W 4P FS LO LD T5-283SGS-G	A105/LF2	316 BALL 4 RPTFE SEATS GRP PKG/BG	2
BALL-MULTI	50	2	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	50	2	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	CF8M	316 BALL 3 PTFE SEAT PTFE PKG/BG	1
BALL-MULTI	50	2	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	50	2	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 4P LO LD	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	6
BALL-MULTI	50	2	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	50	2	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 1P LO LD	CF8M	316 BALL 3 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	50	2	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD	WCB	304 BALL PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	50	2	500 PSI	BSP	STARLINE	FB T-PORT 3W 4P FS LO LD T5-186RGR	316/L	316 BALL 4 RPTFE SEATS GRP PKG/BG	2
BALL-MULTI	50	2	1000 PSI	NPT	STARLINE	SB L-PORT 3W 4P FS LO LD L2-280SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	50	2	1000 PSI	NPT	STARLINE	SB L-PORT 3W 4P FS LO LD L2-283SGG-V	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	7
BALL-MULTI	50	2	1000 PSI	NPT	STARLINE	SB T-PORT 3W 4P FS LO LD T6-283SGG-V	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	5
BALL-MULTI	50	2	1000 PSI	BSP	FLOWTURN	SB L-PORT 3W 4P LO LD	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	6
BALL-MULTI	65	2 1/2	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 2P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	65	2 1/2	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	4



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL-MULTI	65	2 1/2	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 2P LO LD	WCB	304 BALL 4 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	65	2 1/2	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	3
BALL-MULTI	65	2 1/2	300 CL.	UNDRILLRF	FLOWTURN	FB T-PORT 3W 4P LO LD	WCB	304 BALL 4 CPPTFE SEATS GRP PKG/BG	1
BALL-MULTI	80	3	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 1P LO LD	<b>CF8</b>	304 BALL 4 PTFE SEATS PTFE PKG/BG	6
BALL-MULTI	80	3	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	<b>CF8M</b>	316 BALL 4 PTFE SEATS PTFE PKG/BG	8
BALL-MULTI	80	3	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	<b>CF8M</b>	316 BALL 4 PTFE SEATS PTFE PKG/BG	10
BALL-MULTI	80	3	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P FS LO LD	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	9
BALL-MULTI	80	3	150 CL.	UNDRILLRF	FLOWTURN	FB T-PORT 3W 2P LO LD	WCB	304 BALL 4 PTFE SEATS PTFE PKG/BG	8
BALL-MULTI	80	3	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 1P LO LD	<b>CF8</b>	304 BALL 4 CPPTFE SEATS GRP PKG/BG	1
BALL-MULTI	80	3	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	<b>CF8M</b>	316 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	80	3	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	4
BALL-MULTI	80	3	1000 CL.	BSP	FLOWTURN	SB L-PORT 3W 2P LO LD	<b>CF8M</b>	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100	4	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	<b>CF8</b>	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100	4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	<b>CF8</b>	304 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100	4	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	<b>CF8M</b>	316 BALL 3 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	100	4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	<b>CF8M</b>	316 BALL 4 RPTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100	4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	WCB	316 BALL 4 RPTFE SEATS PTFE PKG/BG	8
BALL-MULTI	100	4	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	8
BALL-MULTI	100	4	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 4P LO LD	WCB	316 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	150	6	150 CL.	RFSF	FLOWTURN	FB <b>DOUBLE L-PORT 4W</b> TM 5P LO LD	<b>CF8M</b>	316 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	150	6	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	<b>CF8M</b>	316 BALL 4 RPTFE SEATS PTFE PKG/BG	1
BALL-MULTI	150	6	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	1
BALL-MULTI	150	6	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	3
BALL-MULTI	150	6	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 1P FS LO LD	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	1
BALL-MULTI	150	6	300 CL.	UNDRILLRF	FLOWTURN	SB L-PORT 3W 2P LO LD	WCB	304 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	200	8	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P GO	WCB	304 BALL PTFE SEATS GRP PKG/BG	1
BALL-MULTI	200	8	150 CL.	UNDRILLRF	FLOWTURN	RB T-PORT 3W 4P GO	WCB	304 BALL PTFE SEATS PTFE PKG/BG	1
BUTTERFLY	50	2	150 CL.	RF LUGGED	APV	HP DE FS LO CLVI	<b>CF8M</b>	D=316 SI=RPTFE ST=316	3
BUTTERFLY	50	2	150 CL.	LUGGED	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=NBR ST=316	20
BUTTERFLY	50	2	150 CL.	RF WAFER	APV	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	4
BUTTERFLY	50	2	600 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=PTFE ST=316	4
BUTTERFLY	50	2	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=316 S=EPDM ST=316	20
BUTTERFLY	50	2	TABLE E	WAFER	DENNIS	LINED LO	CI	D=316 S= <b>PTFE</b> ST=316	50
BUTTERFLY	50	2	TABLE E	WAFER	AMRI	LINED LO	DI	D=BRZ S=EPDM ST=BRZ	106
BUTTERFLY	50	2	TABLE E	LUGGED	SUPERSEAL	LINED LO	DI	D=316 S=EPDM ST=316	160
BUTTERFLY	50	2	TABLE E	WAFER	FVC	LINED LO	PVC	D=PVC SI=EPDM	21
BUTTERFLY	65	2 1/2	125 CL.	WAFER	AMRI	LINED LO	CI	D=PTFE S= <b>PTFE</b> ST=PTFE	10
BUTTERFLY	65	2 1/2	125 CL.	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=NBR ST=316	20
BUTTERFLY	65	2 1/2	125 CL.	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	110
BUTTERFLY	65	2 1/2	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=PTFE ST=316	2
BUTTERFLY	65	2 1/2	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=316 S=EPDM ST=316	15
BUTTERFLY	65	2 1/2	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	20
BUTTERFLY	65	2 1/2	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	160
BUTTERFLY	65	2 1/2	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=PTFE S= <b>PTFE</b> ST=PTFE	8
BUTTERFLY	80	3	125 CL.	WAFER	SUPERSEAL	LINED LO	<b>CF8M</b>	D=316 S=EPDM ST=316	6
BUTTERFLY	80	3	125 CL.	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=NBR ST=316	26
BUTTERFLY	80	3	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF LO	<b>CF8</b>	D=316 SI=RPTFE ST=316	10
BUTTERFLY	80	3	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO CLVI	<b>CF8M</b>	D=316 SI=RPTFE ST=316	5
BUTTERFLY	80	3	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	5
BUTTERFLY	80	3	150 CL.	WAFER	SUPERSEAL	LINED LO	<b>CF8M</b>	D=316 S= <b>PTFE</b> ST=316	2
BUTTERFLY	80	3	150 CL.	WAFER	SUPERSEAL	LINED LO	DI	D=316 S= <b>PTFE</b> ST=316	3
BUTTERFLY	80	3	150 CL.	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=BUNA ST=316	12
BUTTERFLY	80	3	150 CL.	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=EPDM ST=316	12
BUTTERFLY	80	3	150 CL.	RF WAFER	APV	HP DE FS LO CLVI	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	80	3	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	80	3	150 CL.	LUGGED	SUPERSEAL	LINED LO	WCB	D=316 S=BUNA ST=316	10
BUTTERFLY	80	3	300 CL.	RF WAFER	WORCESTER	HP DE NF LO CLIV GYRO VANE	<b>316</b>	D=316 S= <b>METAL</b> ST=316	4
BUTTERFLY	80	3	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO	<b>CF8</b>	D=316 SI=RPTFE ST=316	4
BUTTERFLY	80	3	300 CL.	RF LUGGED	APV	HP DE FS LO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	1
BUTTERFLY	80	3	300 CL.	RF WAFER	APV	HP DE FS LO CLVI	<b>CF8M</b>	D=316 SI=RPTFE ST=316	2
BUTTERFLY	80	3	300 CL.	RF WAFER	APV-SUPERSEAL	HP TE FS LO CLVI	<b>CF8M</b>	D=316 S= <b>METAL</b> ST=316	1
BUTTERFLY	80	3	300 CL.	RF LUGGED	APV	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	2
BUTTERFLY	80	3	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	10
BUTTERFLY	80	3	600 CL.	RF LUGGED	APV	HP DE FS LO CLVI	WCB	D=316 S=RPTFE D=316	2
BUTTERFLY	80	3	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=316 S=EPDM ST=316	20
BUTTERFLY	80	3	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	30
BUTTERFLY	80	3	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=316 S=EPDM ST=316	5
BUTTERFLY	80	3	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	55
BUTTERFLY	80	3	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=BUNA ST=316	30
BUTTERFLY	80	3	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=VITON ST=316	20
BUTTERFLY	80	3	TABLE E	WAFER	SUPERSEAL	LINED LO	DI	D=PTFE S= <b>PTFE</b> ST=PTFE	34

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BUTTERFLY	80	3	TABLE F	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=BUNA ST=316	8
BUTTERFLY	80	3	TABLE F	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=EPDM ST=316	12
BUTTERFLY	80	3	TABLE H	WAFER	SUPERSEAL	HP DE NF LO 35 BAR	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	100	4	125 CL.	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=NBR ST=316	20
BUTTERFLY	100	4	125 CL.	WAFER	SUPERSEAL	LINED LO 20 BAR	CI	D=316 S=BUNA ST=316	40
BUTTERFLY	100	4	150 CL.	WAFER	SUPERSEAL	LINED LO 20 BAR	316	D=PTFE S=PTFE ST=PTFE	4
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO CLV	CF8	D=316 S=METAL ST=316	2
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO	CF8	D=316 S=PTFE ST=316	2
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	CF8M	D=316 SI=RPTFE ST=316	7
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO CLV	CF8M	D=316 S=METAL ST=316	2
BUTTERFLY	100	4	150 CL.	WAFER	SUPERSEAL	LINED LO	DI	D=PTFE S=PTFE ST=PTFE	1
BUTTERFLY	100	4	150 CL.	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=BUNA ST=316	50
BUTTERFLY	100	4	150 CL.	RF LUGGED	APV	HP TE FS GO CLVI	WCB	D=316 S=METAL ST=316	3
BUTTERFLY	100	4	150 CL.	RF LUGGED	APV	HP TE FS GO CLVI	WCB	D=316 S=RPTFE ST=316	2
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	13
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO CLV	WCB	D=316 S=METAL ST=316	4
BUTTERFLY	100	4	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	100	4	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO	CF8	D=316 SI=RPTFE ST=316	2
BUTTERFLY	100	4	300 CL.	RF WAFER	APV	HP DE FS LO	CF8M	D=316 SI=RPTFE ST=316	6
BUTTERFLY	100	4	300 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF LO	CF8M	D=316 SI=RPTFE ST=316	2
BUTTERFLY	100	4	300 CL.	RF WAFER	WORCESTER	HP DE NF LO CLIV GYRO VANE	S/S	D=316 S=METAL ST=316	2
BUTTERFLY	100	4	300 CL.	RF LUGGED	APV	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	100	4	300 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF LO	WCB	D=316 SI=RPTFE ST=316	2
BUTTERFLY	100	4	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	4
BUTTERFLY	100	4	600 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 S=RPTFE ST=316	2
BUTTERFLY	100	4	TABLE E	WAFER	SUPERSEAL	LINED LO	316	D=316 S=EPDM ST=316	20
BUTTERFLY	100	4	TABLE E	WAFER	SUPERSEAL	LINED LO	316	D=PTFE S=PTFE ST=PTFE	20
BUTTERFLY	100	4	TABLE E	WAFER	BRAY	LINED LO	CI	D=316 S=VITON ST=316	12
BUTTERFLY	100	4	TABLE E	WAFER	SAUNDERS	LINED LO HRL BODY	CI	D=HRL S=BUNA ST=316	7
BUTTERFLY	100	4	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=VITON ST=316	6
BUTTERFLY	100	4	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=PTFE ST=316	7
BUTTERFLY	100	4	TABLE E	WAFER	SUPERSEAL	LINED LO 20 BAR	CI	D=316 S=BUNA ST=316	74
BUTTERFLY	100	4	TABLE E	LUGGED	FIP	LINED LO	PVC	D=PVC S=EPDM	4
BUTTERFLY	100	4	TABLE E	WAFER	SUPERSEAL	LINED LO	WCB	D=PTFE S=PTFE ST=PTFE	7
BUTTERFLY	100	4	TABLE F	WAFER	SUPERSEAL	LINED LO 25 BAR	DI	D=316 S=BUNA ST=316	20
BUTTERFLY	100	4	TABLE F	WAFER	SUPERSEAL	LINED LO 25 BAR	DI	D=316 S=EPDM ST=316	12
BUTTERFLY	100	4	TABLE F	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=BUNA ST=316	50
BUTTERFLY	125	5	125 CL.	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=BUNA ST=316	6
BUTTERFLY	125	5	125 CL.	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=BUNA ST=316	4
BUTTERFLY	125	5	150 CL.	LUGGED	DEMCO	LINED LO	DI	D=316 S=EPDM ST=316	5
BUTTERFLY	125	5	150 CL.	RF WAFER	APV	HP DE NF GO CLVI	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	125	5	TABLE E	WAFER	SUPERSEAL	LINED LO	316	D=316 S=PTFE ST=316	15
BUTTERFLY	125	5	TABLE E	WAFER	AMRI	LINED LO	CI	D=316 S=EPDM ST=316	90
BUTTERFLY	125	5	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	99
BUTTERFLY	125	5	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=BUNA ST=316	32
BUTTERFLY	125	5	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=PTFE ST=316	8
BUTTERFLY	125	5	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	120
BUTTERFLY	125	5	TABLE E	WAFER	SUPERSEAL	LINED GO 20 BAR	WCB	D=316 S=PTFE ST=316	5
BUTTERFLY	150	6	125 CL.	WAFER	SUPERSEAL	LINED GO	ALU	D=316 S=PTFE ST=316	6
BUTTERFLY	150	6	125 CL.	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=NBR ST=316	16
BUTTERFLY	150	6	125 CL.	LUGGED	SUPERSEAL	LINED LO	CI	D=PTFE S=PTFE ST=PTFE	7
BUTTERFLY	150	6	125 CL.	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	26
BUTTERFLY	150	6	150 CL.	RF LUGGED	JAMESBURY	HP DE NF GO	A105	D=316 SI=RPTFE ST=316	57
BUTTERFLY	150	6	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO CLVI	CF8	D=316 SI=RPTFE ST=316	3
BUTTERFLY	150	6	150 CL.	RF WAFER	APV	HP DE FS GO CLVI	CF8M	D=316 SI=RPTFE ST=316	2
BUTTERFLY	150	6	150 CL.	RF WAFER	APV	HP TE FS GO CLVI	CF8M	D=316 S=METAL ST=316	1
BUTTERFLY	150	6	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF GO CLVI	CF8M	D=316 SI=RPTFE ST=316	3
BUTTERFLY	150	6	150 CL.	WAFER	SUPERSEAL	LINED LO	CF8M	D=316 S=PTFE ST=316	6
BUTTERFLY	150	6	150 CL.	RF LUGGED	SUPERSEAL	LINED LO 20 BAR	DI	D=316 S=BUNA ST=316	34
BUTTERFLY	150	6	150 CL.	RF WAFER	APV	HP TE FS GO CLVI	WCB	D=316 S=METAL ST=316	2
BUTTERFLY	150	6	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	10
BUTTERFLY	150	6	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO CLVI	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	150	6	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	10
BUTTERFLY	150	6	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO CLVI	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	150	6	300 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO	CF8M	D=316 SI=RPTFE ST=316	3
BUTTERFLY	150	6	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF GO	CF8M	D=316 SI=RPTFE ST=316	3
BUTTERFLY	150	6	300 CL.	RF WAFER	APV	HP DE FS LO CLVI	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	150	6	300 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	150	6	300 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	4
BUTTERFLY	150	6	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE GO CLV	WCB	D=316 S=METAL ST=316	7

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BUTTERFLY	150	6	300 CL.	RF WAFER	APV-SUPERSEAL	HP TE FS GO CLVI	WCB	D=316 S= <b>METAL</b> ST=316	2
BUTTERFLY	150	6	600 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	4
BUTTERFLY	150	6	PN25	WAFER	SUPERSEAL	HP DE NF GO	DI	D=316 S=NBR ST=316	10
BUTTERFLY	150	6	PN25	WAFER	APV-SUPERSEAL	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	150	6	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	20
BUTTERFLY	150	6	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>CF8M</b>	D=316 S=EPDM ST=316	5
BUTTERFLY	150	6	TABLE E	LUGGED	BRAY	LINED LO SERIES 31	CI	D=316 S= <b>VITON</b> ST=316	14
BUTTERFLY	150	6	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	58
BUTTERFLY	150	6	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S= <b>VITON</b> ST=316	20
BUTTERFLY	150	6	TABLE E	WAFER	SUPERSEAL	LINED DA PNEU DA ACT	CI	D=316 S=BUNA ST=316	12
BUTTERFLY	150	6	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=PTFE S= <b>PTFE</b> ST=PTFE	8
BUTTERFLY	150	6	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=BUNA ST=316	40
BUTTERFLY	150	6	TABLE F	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=BUNA ST=316	11
BUTTERFLY	150	6	TABLE F	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=EPDM ST=316	8
BUTTERFLY	200	8	125 CL.	WAFER	HERBERHOLZ	HP DE NF PNEU DA ACT	ALUM	DISC=ALUM SEAT= <b>GRAPHITE</b>	1
BUTTERFLY	200	8	125 CL.	WAFER	SAUNDERS	LINED LO <b>HRL</b> BODY	CI	DISC= <b>HRL</b> SEAT=BUNA	5
BUTTERFLY	200	8	125 CL.	WAFER	SUPERSEAL	LINED LO	CI	D=PTFE S= <b>PTFE</b> ST=PTFE	2
BUTTERFLY	200	8	125 CL.	LUGGED	SUPERSEAL	LINED GO	DI	D=316 S=EPDM ST=316	20
BUTTERFLY	200	8	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF LO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	4
BUTTERFLY	200	8	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS GO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	3
BUTTERFLY	200	8	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF LO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	2
BUTTERFLY	200	8	150 CL.	LUGGED	SUPERSEAL	LINED GO 20 BAR	DI	D=316 S=BUNA ST=316	12
BUTTERFLY	200	8	150 CL.	LUGGED	SUPERSEAL	LINED GO 20 BAR	DI	D=316 S=EPDM ST=316	11
BUTTERFLY	200	8	150 CL.	LUGGED	SUPERSEAL	LINED LO 20 BAR	DI	D=316 S=BUNA ST=316	16
BUTTERFLY	200	8	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	8
BUTTERFLY	200	8	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS LO	WCB	D=316 SI=RPTFE ST=316	4
BUTTERFLY	200	8	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	7
BUTTERFLY	200	8	300 CL.	RF WAFER	WORCESTER	HP TE GO CLIV GYRO VANE	C/S	D=316 S= <b>METAL</b> ST=316	3
BUTTERFLY	200	8	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF GO	<b>CF8</b>	D=304 SI=RPTFE ST=304	2
BUTTERFLY	200	8	300 CL.	RF LUGGED	APV	HP DE FS GO CLVI	WCB	D=316 SI=RPTFE ST=316	2
BUTTERFLY	200	8	300 CL.	RF WAFER	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	200	8	300 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF GO	<b>WCB</b>	D=316 SI=RPTFE ST=316	4
BUTTERFLY	200	8	600 CL.	RF LUGGED	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	200	8	PN25	WAFER	APV	LINED GO 25 BAR	DI	D=316 S=BUNA ST=316	4
BUTTERFLY	200	8	TABLE E	FLANGED	S-LINE	DAMPNER PNEU DA ACT EX STEM HT	<b>316</b>	D=316 S= <b>METAL</b> ST=316	10
BUTTERFLY	200	8	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	15
BUTTERFLY	200	8	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	8
BUTTERFLY	200	8	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	46
BUTTERFLY	200	8	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=VITON ST=316	6
BUTTERFLY	200	8	TABLE E	WAFER	SUPERSEAL	LINED PNEU DA ACTUATOR	CI	D=316 S=EPDM ST=316	6
BUTTERFLY	200	8	TABLE E	LUGGED	FIP	POLY PROP LO PN10	<b>POLY</b>	D=POLY S=VITON	2
BUTTERFLY	200	8	TABLE E	WAFER	SUPERSEAL	LINED GO 20 BAR	WCB	D=PTFE S= <b>PTFE</b> ST=PTFE	3
BUTTERFLY	200	8	TABLE F	WAFER	APV-SUPERSEAL	HP DE NF GO CLVI	<b>CF8</b>	D=316 SI=RPTFE ST=316	4
BUTTERFLY	200	8	TABLE F	WAFER	SUPERSEAL	LINED LO 21 BAR	DI	D=316 S=BUNA ST=316	6
BUTTERFLY	250	10	125 CL.	LUGGED	SUPERSEAL	LINEDGO	CI	D=316 S=NBR ST=316	14
BUTTERFLY	250	10	150 CL.	RF WAFER	WORCESTER	HP GO CLIV GRYO VANE	<b>316</b>	D=316 S= <b>METAL</b> ST=316	3
BUTTERFLY	250	10	150 CL.	RF FLANGED	POSI-SEAL	HP DE NF GO CLVI <b>EXT STEM</b> CRYO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	2
BUTTERFLY	250	10	150 CL.	WAFER	SUPERSEAL	LINED GO	<b>CF8M</b>	D=316 S=PTFE ST=316	6
BUTTERFLY	250	10	150 CL.	LUGGED	SUPERSEAL	LINED GO 20 BAR	DI	D=316 S=BUNA ST=316	8
BUTTERFLY	250	10	150 CL.	LUGGED	APV-SUPERSEAL	HP DE NF GO CLVI	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	250	10	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	6
BUTTERFLY	250	10	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO CLVI	WCB	D=316 SI=CPTFE ST=316	5
BUTTERFLY	250	10	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	12
BUTTERFLY	250	10	300 CL.	RF WAFER	APV	HP DE FS GO	WCB	D=316 S=CPTFE ST=17-4PH	4
BUTTERFLY	250	10	600 CL.	RF FLANGED	VANESSA	HP DE FS GO CLVI/598	WCB	D=316 S= <b>METAL</b> ST=316	9
BUTTERFLY	250	10	900 CL.	RF FLANGED	VANESSA	HP DE FS GO CLVI/598	WCB	D=316 S= <b>METAL</b> ST=316	6
BUTTERFLY	250	10	PN10	LUGGED	TECHNOVA	LINED GO	DI	D=F51 S= <b>PTFE</b> (FPM)	12
BUTTERFLY	250	10	PN10	LUGGED	TECHNOVA	LINED GO	DI	D= <b>TITANIUM</b> S= <b>PTFE</b>	9
BUTTERFLY	250	10	PN25	WAFER	AMRI	LINED GO	DI	D=316 S= <b>VITON</b> HT	3
BUTTERFLY	250	10	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	10
BUTTERFLY	250	10	TABLE E	WAFER	SUPERSEAL	LINED LO	<b>316</b>	D=PTFE S= <b>PTFE</b> ST=PTFE	8
BUTTERFLY	250	10	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	34
BUTTERFLY	250	10	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S= <b>PTFE</b> ST=316	1
BUTTERFLY	300	12	125 CL.	LUGGED	SUPERSEAL	LINED GO	CI	D=316 EPDM LINER	5
BUTTERFLY	300	12	150 CL.	RF LUGGED	APV-SUPERSEAL	HP TE NF GO	<b>CF8</b>	D=316 SI=RPTFE ST=316	1
BUTTERFLY	300	12	150 CL.	RF LUGGED	APV	HP DE FS GO	<b>CF8M</b>	D=316 S=RPTFE ST=316	1
BUTTERFLY	300	12	150 CL.	RF WAFER	APV	HP TE FS GO CLVI/598	<b>CF8M</b>	D=316 S= <b>METAL</b> ST=316	1
BUTTERFLY	300	12	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF GO	<b>CF8M</b>	D=316 SI=RPTFE ST=316	1
BUTTERFLY	300	12	150 CL.	WAFER	SUPERSEAL	LINED GO	<b>CF8M</b>	D=316 S=PTFE ST=316	2
BUTTERFLY	300	12	150 CL.	RF WAFER	APV	HP DE FS GO	WCB	D=316 S=CPTFE ST=316	3
BUTTERFLY	300	12	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF GO CLVI	WCB	D=316 SI=RPTFE ST=316	7

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BUTTERFLY	300	12	300 CL.	RF LUGGED	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	300	12	300 CL.	RF WAFER	APV-SUPERSEAL	HD DE NF GO CLVI	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	300	12	300 CL.	RF WAFER	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	300	12	300 CL.	RF FLANGED	UNICOM	HP TE FS GO CLVI/598	WCB	D=316 S=STELLITE ST=316	9
BUTTERFLY	300	12	600 CL.	RF FLANGED	VANESSA	HP TE FS GO CLVI/598	F44	D=F44 S=F44 METAL ST=625	1
BUTTERFLY	300	12	600 CL.	RF FLANGED	VANESSA	HP TE FS GO CLVI/598	LCB	D=316 S=316 METAL ST=316	2
BUTTERFLY	300	12	600 CL.	RF LUGGED	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	300	12	900 CL.	RF LUGGED	VANNESA	HP TE FS GO CLVI/598	LF2	D=STELL S=STELLITE	1
BUTTERFLY	300	12	PN10	LUGGED	TECHNOVA	LINED GO	DI	D=F51 S=PTFE ST=F51	13
BUTTERFLY	300	12	TABLE E	WAFER	SUPERSEAL	LINED LO	316	D=PTFE S=PTFE ST=PTFE	6
BUTTERFLY	300	12	TABLE E	WAFER	SUPERSEAL	LINED LO	316	D=PTFE S=PTFE ST=PTFE	4
BUTTERFLY	300	12	TABLE E	WAFER	DEZURIK	DAMPNER PNEU DA ACT	C/S	D=CS S=METAL CLIV	2
BUTTERFLY	300	12	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=VITON ST=316	3
BUTTERFLY	300	12	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=BUNA ST=316	26
BUTTERFLY	300	12	TABLE E	WAFER	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	18
BUTTERFLY	300	12	TABLE E	LUGGED	SUPERSEAL	LINED LO	CI	D=316 S=EPDM ST=316	9
BUTTERFLY	350	14	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF GO	316	D=316 SI=PTFE ST=316	1
BUTTERFLY	350	14	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	4
BUTTERFLY	350	14	150 CL.	WAFER	WINN	HP DE FS GO	WCC	D=316 SI=RPTFE ST=316	2
BUTTERFLY	350	14	300 CL.	RF FLANGED	UNICOM	HP TE FS GO	WCB	D=316 S=STELLITE ST=316	5
BUTTERFLY	350	14	TABLE E	LUGGED	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	2
BUTTERFLY	350	14	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	6
BUTTERFLY	350	14	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	9
BUTTERFLY	350	14	TABLE E	LUGGED	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	3
BUTTERFLY	400	16	150 CL.	RF WAFER	APV-SUPERSEAL	HP DE NF GO	304	D=304 S=VITON	1
BUTTERFLY	400	16	150 CL.	FLANGED	SUPERSEAL	LINED GO 20 BAR	DI	D=316 S=BUNA ST=316	2
BUTTERFLY	400	16	150 CL.	RF WAFER	UNICOM	HP DE NF GO CLVI DUPLEX	F53	D=SAF2205 SI=RPTFE ST=F53	1
BUTTERFLY	400	16	150 CL.	RF LUGGED	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	2
BUTTERFLY	400	16	150 CL.	RF WAFER	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	400	16	150 CL.	RF LUGGED	APV-SUPERSEAL	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	400	16	300 CL.	RF WAFER	KEystone	HP DE NF GO K-LOCK	C/S	D=316 S=UHMWPE (ABRASIVE)	1
BUTTERFLY	400	16	TABLE E	LUGGED	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	4
BUTTERFLY	400	16	TABLE E	LUGGED	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	4
BUTTERFLY	400	16	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	7
BUTTERFLY	400	16	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	8
BUTTERFLY	450	18	125 CL.	WAFER	SUPERSEAL	LINED GO 20 BAR	CI	D=316 S=BUNA ST=316	4
BUTTERFLY	450	18	150 CL.	WAFER	SUPERSEAL	DAMPNER GO CLIV	CS	D=316 S=METAL ST=316	2
BUTTERFLY	450	18	150 CL.	RF LUGGED	UNICOM	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	5
BUTTERFLY	450	18	TABLE E	LUGGED	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	4
BUTTERFLY	450	18	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	8
BUTTERFLY	450	18	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	8
BUTTERFLY	500	20	125 CL.	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	3
BUTTERFLY	500	20	125 CL.	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	3
BUTTERFLY	500	20	150 CL.	RF WAFER	SUPERSEAL	DAMPNER GO CLIV	CS	D=316 S=METAL ST=316	2
BUTTERFLY	500	20	150 CL.	RF FLANGED	SUPERSEAL	HP DE NF GO TPMI RT	F53	D=F53 S=F53 METAL	3
BUTTERFLY	500	20	150 CL.	RF WAFER	UNICOM	HP DE NF GO	F53	D=F53 S=RPTFE ST=SAF2507	1
BUTTERFLY	500	20	150 CL.	RF FLANGED	APV	LINED GO	WCB	D=316 S=BUNA ST=316	5
BUTTERFLY	500	20	150 CL.	RF LUGGED	UNICOM	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	500	20	TABLE E	LUGGED	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	3
BUTTERFLY	500	20	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	E
BUTTERFLY	500	20	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	5
BUTTERFLY	600	24	150 CL.	RF WAFER	UNICOM	HP DE NF GO	F53	D=SA2205 SI=RPTFE ST=F53	1
BUTTERFLY	600	24	150 CL.	RF LUGGED	APV	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	3
BUTTERFLY	600	24	150 CL.	RF LUGGED	JAMESBURY	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	5
BUTTERFLY	600	24	150 CL.	RF LUGGED	UNICOM	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	18
BUTTERFLY	600	24	300 CL.	RF FLANGED	UNICOM	HP DE NF GO CLVI/598	WCB	D=316 S=STELLITE ST=316	2
BUTTERFLY	600	24	TABLE E	WAFER	OKM	LINED GO	CI	D=316 S=BUNA ST=316	5
BUTTERFLY	600	24	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=BUNA ST=316	7
BUTTERFLY	600	24	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	5
BUTTERFLY	600	24	TABLE E	FLANGED	SUPERSEAL	LINED GO	CI	D=BRZ S=NBR ST=BRZ	1
BUTTERFLY	600	24	TABLE E	LUGGED	SUPERSEAL	LINED GO	DI	D=316 S=BUNA ST=316	2
BUTTERFLY	600	24	TABLE E	LUGGED	SUPERSEAL	LINED GO	DI	D=316 S=EPDM ST=316	4
BUTTERFLY	750	30	150 CL.	RF FLANGED	UNICOM	HP TE FS GO CLVI/598	WCB	D=316 S=316 METAL ST=316	3
BUTTERFLY	750	30	150 CL.	RF LUGGED	UNICOM	HP DE FS GO	WCB	D=316 SI=RPTFE ST=316	1
BUTTERFLY	750	30	150 CL.	RF FLANGED	VANESSA	HP TE FS GO CLVI/598	WCB	D=316 S=STELLITE ST=316	2
BUTTERFLY	750	30	TABLE E	FLANGED	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	3
BUTTERFLY	750	30	TABLE E	WAFER	SUPERSEAL	LINED GO	CI	D=316 S=EPDM ST=316	2
BUTTERFLY	800	32	125 CL.	WAFER	KEystone	LINED GO	CI	D=ENP S=NBR ST=304	1
BUTTERFLY	900	36	150 CL.	RF FLANGED	UNICOM	HP DE NF GO	F53	D=SA2205 SI=RPTFE ST=F53	1
BUTTERFLY	900	36	TABLE E	FLANGED	SUPERSEAL	LINED GO 14 BAR	CI	D=ENP S=NBR ST=304	1
BUTTERFLY	1050	42	150 CL.	RF LUGGED	UNICOM	HP DE NF GO	WCB	D=316 SI=RPTFE ST=316	2



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	15	1/2	150 CL.	RFSF	APV	RB BB SWING NACE INTEG	316	316	3
CHECK	15	1/2	150 CL.	RFSF	APV	RB BB PISTON NACE INTEG	A105N	13CR+HFS	9
CHECK	15	1/2	300 CL.	RFSF	APV	RB BB PISTON INTEG	316	316+HFS	10
CHECK	15	1/2	300 CL.	RFSF	APV	RB BB SWING INTEG	316	316	10
CHECK	15	1/2	600 CL.	RFSF	APV	RB BB PISTON INTEG	316	316 INC SPR	6
CHECK	15	1/2	600 CL.	RFSF	APV	FB BB BALL INTEG	A105N	316 INC SPR	35
CHECK	15	1/2	600 CL.	RFSF	HATTERSLEY	RB BB PISTON INTEG NACE	LF2	316+HFS	19
CHECK	15	1/2	800 CL.	NPT	APV	RB BB PISTON DUAL 304	304/L	304/L+HFS INC SPR	16
CHECK	15	1/2	800 CL.	NPT	APV	RB BB PISTON DUAL 316	316/L	316+HFS INC SPR	60
CHECK	15	1/2	800 CL.	NPT	APV	RB BB BALL	A105N	13CR+HFS	16
CHECK	15	1/2	800 CL.	NPT	APV	RB BB PISTON NACE	A105N	13CR+HFS	190
CHECK	15	1/2	800 CL.	NPT	OMB	RB BB PISTON	F11	13CR+HFS	9
CHECK	15	1/2	800 CL.	SW	HH	RB BB PISTON	F5	13CR+HFS	19
CHECK	15	1/2	800 CL.	NPT	APV	RB BB PISTON	LF2	316+HFS INC SPR	20
CHECK	15	1/2	1500 CL.	NPT	APV	SB BB PISTON 316/316L	316/L	316/L INC SPR	18
CHECK	15	1/2	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON 316/316L DUAL	316/L	316/L INC SPR	20
CHECK	15	1/2	1500 CL.	BSP	APV	RB BB PISTON	A105N	13CR+HFS	100
CHECK	15	1/2	1500 CL.	NPT	APV	FB BB PISTON NACE	A105N	316	8
CHECK	15	1/2	1500 CL.	NPT	APV	SB BB PISTON NACE	A105N	13CR+HFS INC SPR	34
CHECK	15	1/2	1500 CL.	NPT	APV	SB WB PISTON Y TYPE	A105N	316+HFS	8
CHECK	15	1/2	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE	A105N	13CR+HF INC SPR	30
CHECK	15	1/2	2500 CL.	NPT	APV	SB WB PISTON	316/L	316 INC SPR	2
CHECK	15	1/2	2500 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	20
CHECK	15	1/2	2500 CL.	SW	APV	SB BB PISTON NACE	A105N	13CR+HF	120
CHECK	15	1/2	2500 CL.	NPT	JC	FB PSB SWING NACE	A105N	13CR+HF	28
CHECK	15	1/2	2500 CL.	BW160	APV	FB PSB PISTON	LF2	316+HF	2
CHECK	15	1/2	5000 PSI	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	20
CHECK	20	3/4	150 CL.	RFSF	APV	RB BB PISTON INTEG	316	316	12
CHECK	20	3/4	150 CL.	RFSF	APV	RB BB PISTON INTEG	A105N	13CR+HFS	14
CHECK	20	3/4	150 CL.	RFSF	APV	RB BB SWING NACE INTEG	CF8M	316	12
CHECK	20	3/4	300 CL.	RFSF	APV	RB BB PISTON INTEG	316	316	8
CHECK	20	3/4	300 CL.	RFSF	APV	RB BB SWING INTEG	316	316+HFS	8
CHECK	20	3/4	300 CL.	RFSF	BONNEY FORGE	RB BB PISTON INTEG 316/316L DUAL	316/L	316/L 316 SPR	8
CHECK	20	3/4	300 CL.	RFSF	APV	RB BB PISTON NACE INTEG	A105N	13CR+HFS	20
CHECK	20	3/4	600 CL.	RFSF	APV	RB BB SWING	316	316	7
CHECK	20	3/4	600 CL.	RTJUC	APV	RB BB SWING	316	316	6
CHECK	20	3/4	600 CL.	RFSF	APV	RB BB SWING NACE	A105N	13CR+HFS	6
CHECK	20	3/4	600 CL.	RFSF	OMB	RB BB PISTON NACE INTEG	A105N	13CR+HFS	18
CHECK	20	3/4	600 CL.	RTJUC	BONNEY FORGE	RB BB PISTON NACE	LF2	316+HFS INC SPR	6
CHECK	20	3/4	800 CL.	NPT	APV	RB BB PISTON DUAL 304	304/L	304+HFS INC SPR	4
CHECK	20	3/4	800 CL.	NPT	APV	RB BB PISTON DUAL 316	316/L	316+HFS INC SPR	70
CHECK	20	3/4	800 CL.	BSP	APV	RB BB PISTON	A105N	13CR+HFS	100
CHECK	20	3/4	800 CL.	NPT	APV	RB BB PISTON	A105N	13CR+HFS	90
CHECK	20	3/4	800 CL.	NPT	APV	RB BB SWING	LF2	316+HF	10
CHECK	20	3/4	1500 CL.	RTJUC	APV	SB BB PISTON NACE INTEG	316	316+HFS	1
CHECK	20	3/4	1500 CL.	RTJUC	APV	SB BB SWING NACE INTEG	316	316+HFS	1
CHECK	20	3/4	1500 CL.	NPT	APV	SB BB PISTON	316/L	316+HFS	14
CHECK	20	3/4	1500 CL.	NPT	APV	SB BB SWING NACE DUAL 316	316/L	316/L	3
CHECK	20	3/4	1500 CL.	NPT	APV	SB BB PISTON NACE	F11	13CR+HF 316 SPR	10
CHECK	20	3/4	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE	F11	13CR+HFS 4750 SPR	4
CHECK	20	3/4	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	23
CHECK	20	3/4	2500 CL.	BW160	APV	FB BB BALL NACE	316/L	316+HFS INC SPR	5
CHECK	20	3/4	2500 CL.	NPT	APV	SB PSB PISTON NACE	316/L	316 INC SPR	11
CHECK	20	3/4	2500 CL.	NPT	APV	SB BB PISTON NACE INTEG	A105N	13CR+HF	4
CHECK	25	1	150 CL.	RF WAFER	SUPERSCHECK	SWING FULL OPEN LP	316	316+ SOFT/METAL INC SPR	POA
CHECK	25	1	150 CL.	RFSF	APV	RB BB PISTON INTEG	316	316+HFS INC SPR	8
CHECK	25	1	150 CL.	RFSF	BONNEY FORGE	RB BB PISTON INTEG DUAL 316	316/L	316+HFS INC SPR	10
CHECK	25	1	150 CL.	RFSF	APV	RB BB PISTON NACE INTEG	A105N	13CR+HFS	18
CHECK	25	1	150 CL.	RFSF	APV	RB BB SWING INTEG	A105N	13CR+HFS	20
CHECK	25	1	150 CL.	RFSF	APV	RB BB SWING INTEG	A105N	316+HF	12
CHECK	25	1	150 CL.	RFSF	BONNEY FORGE	RB BB SWING	A105N	13CR+HFS	28
CHECK	25	1	150 CL.	RFSF	APV	RB BB SWING INTEG (CN7M)	A20	ALLOY 20	2
CHECK	25	1	150 CL.	RFSF	APV	FB BB SWING INTEG	CF8	304	10
CHECK	25	1	150 CL.	RFSF	APV	FB BB SWING INTEG	CF8M	316	20
CHECK	25	1	150 CL.	RFSF	BONNEY FORGE	RB BB PISTON	F51	F51	5
CHECK	25	1	150 CL.	RFSF	APV	RB BB SWING NACE INTEG	MONEL	MONEL 400 INC SPR	2
CHECK	25	1	300 CL.	UNDRILLRF	APV	RB BB PISTON	316	316	6
CHECK	25	1	300 CL.	RF WAFER	SUPERSCHECK	SWING FULL OPEN LP	316	316+ SOFT/METAL INC SPR	POA
CHECK	25	1	300 CL.	RFSF	APV	RB BB PISTON NACE INTEG	A105N	13CR+HFS	8
CHECK	25	1	300 CL.	UNDRILLRF	APV STEAMCO	FB BB PISTON INTEG	ALBRZ	BRONZE	3
CHECK	25	1	300 CL.	RFSF	APV	FB BB SWING	CF8M	316+HFS	6

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	25	1	600 CL.	RFSF	APV	RB BB PISTON NACE DUAL 316	316	316+HFS	8
CHECK	25	1	600 CL.	RTJUC	APV	RB BB SWING INTEG DUAL 316	316	316+HFS	14
CHECK	25	1	600 CL.	RF WAFER	SUPERSCHECK	SWING FULL OPEN LP UNIFLAP	316	316+ SOFT/METAL INC SPR	POA
CHECK	25	1	600 CL.	RFSF	BONNEY FORGE	SB BB PISTON INTEG DUAL 316	316/L	316/L+HFS INC SPR	5
CHECK	25	1	600 CL.	RFSF	APV	RB BB SWING DUAL F11	F22	13CR+HF	2
CHECK	25	1	600 CL.	RFSF	APV	RB BB SWING NACE INTEG	LF2	316+HFS	20
CHECK	25	1	600 CL.	RTJUC	APV	RB BB SWING NACE INTEG	LF2	316+HF	8
CHECK	25	1	800 CL.	BSP	APV	RB BB SWING DUAL 316	316/L	316	40
CHECK	25	1	800 CL.	NPT	APV	RB BB PISTON DUAL 316	316/L	316/L INC SPR	45
CHECK	25	1	800 CL.	NPT	APV	RB BB SWING DUAL 316 NACE	316/L	316+HFS	26
CHECK	25	1	800 CL.	NPT	APV	RB WB PISTON DUAL 316 Y TYPE	316/L	316 INC SPR	18
CHECK	25	1	800 CL.	NPT	APV	RB BB PISTON	A105N	13CR+HFS	110
CHECK	25	1	800 CL.	NPT	APV	RB BB SWING	A105N	13CR+HFS	60
CHECK	25	1	800 CL.	NPT	APV	FB BB SWING	A105N	13CR+HFS	20
CHECK	25	1	800 CL.	BW80	APV	RB BB SWING NACE	LF2	316+HFS	10
CHECK	25	1	800 CL.	NPT	APV	RB BB PISTON NACE	LF2	316+HFS INC SPR	24
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	RB BB SWING NACE	LF2	316+HFS	15
CHECK	25	1	1500 CL.	RTJUC	APV	SB BB PISTON INTEG DUAL 316	316	316+HFS INC SPR	4
CHECK	25	1	1500 CL.	RF WAFER	SUPERSCHECK	SWING FULL OPEN LP	316	316+ SOFT/METAL INC SPR	POA
CHECK	25	1	1500 CL.	NPT	APV	SB BB PISTON NACE DUAL 316	316/L	316 INC SPR	6
CHECK	25	1	1500 CL.	NPT	APV	SB BB SWING NACE DUAL 316	316/L	316 INC SPR	2
CHECK	25	1	1500 CL.	NPT	APV	FB BB Y TYPE	A105N	316+HF INC SPR	4
CHECK	25	1	1500 CL.	NPT	APV	SB BB PISTON NACE	A105N	13CR+HF	16
CHECK	25	1	1500 CL.	NPT	APV	SB BB SWING NACE	A105N	13CR+HFS	7
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB PISTON NACE INTEG	A105N	13CR+HFS	16
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB SWING NACE INTEG	A105N	13CR+HF	12
CHECK	25	1	1500 CL.	NPT	APV	SB BB PISTON NACE	F22	13CR+HF	4
CHECK	25	1	1500 CL.	NPT	APV	SB BB SWING	LF2	316+HF	6
CHECK	25	1	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE	LF2	13CR+HF INC SPR	20
CHECK	25	1	2500 CL.	RTJ	APV	SB BB PISTON DUAL 316	316	316+HFS	1
CHECK	25	1	2500 CL.	RF WAFER	SUPERSCHECK	SWING FULL OPEN LP	316	316+ SOFT/METAL INC SPR	POA
CHECK	25	1	2500 CL.	NPT	APV	FB WB PISTON DUAL 316	316/L	316 INC SPR	2
CHECK	25	1	2500 CL.	NPT	APV	SB BB PISTON DUAL 316	316/L	316 INC SPR	4
CHECK	25	1	2500 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	20
CHECK	25	1	2500 CL.	NPT	APV	SB BB PISTON Y TYPE	A105N	13CR+HF INC SPR	24
CHECK	25	1	2500 CL.	NPT	APV	SB PSB PISTON Y TYPE	A105N	13CR+HF INC SPR	23
CHECK	25	1	2500 CL.	NPT	APV	SB PSB SWING	A105N	13CR+HF INC SPR	7
CHECK	25	1	2500 CL.	SW	FASANI	FB WB PISTON Y STYLE	F11	13CR+HF	2
CHECK	25	1	5000 PSI	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	20
CHECK	25	1	5000 CL.	NPT	KF	FB SCB SWING SERIES 31	C/S	316+BUNA SEAT	2
CHECK	25	1	10000 PSI	NPTMM	CIRCLESEAL	RB 1P PISTON INLINE	316	17-4PH+PTFE SEAT	5
CHECK	25	1	TABLE D	FF	SAUNDERS	FB 2P SWING HRL 'N'	CI	BUTYL DISC 'B'	5
CHECK	32	1 1/4	800 CL.	BSP	APV	RB PISTON BB	A105N	13CR+HFS INC SPR	6
CHECK	32	1 1/4	800 CL.	NPT	APV	RB PISTON BB	A105N	13CR+HFS INC SPR	6
CHECK	40	1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON (316 DUAL)	316/L	316/L INC SPR	5
CHECK	40	1 1/2	150 CL.	RFSF	APV	RB BB PISTON NACE INTEG	A105N	13CR+HFS	8
CHECK	40	1 1/2	150 CL.	RFSF	APV	RB BB SWING INTEG	A105N	13CR	5
CHECK	40	1 1/2	150 CL.	RFSF	APV	FB BB PISTON	CF8M	316 316 SPR	4
CHECK	40	1 1/2	150 CL.	RFSF	APV	FB BB SWING	CF8M	316	19
CHECK	40	1 1/2	150 CL.	RFSF	APV	FB BB SWING	WCB	13CR+HFS	16
CHECK	40	1 1/2	300 CL.	RFSF	BONNEY FORGE	RB BB SWING INTEG	316	316	4
CHECK	40	1 1/2	300 CL.	UNDRILLRF	APV STEAMCO	FB BB PISTON	ALBRZ	BRONZE 316 SPR	2
CHECK	40	1 1/2	300 CL.	RFSF	APV	FB BB SWING	CF8M	316	7
CHECK	40	1 1/2	300 CL.	UNDRILLRF	APV	FB BB PISTON	CF8M	316+HFS 316 SPR	3
CHECK	40	1 1/2	300 CL.	RFSF	APV	FB BB PISTON NACE	WCB	13CR+HFS INC SPR	8
CHECK	40	1 1/2	600 CL.	RFSF	APV	RB BB SWING NACE INTEG (316 DUAL)	316/L	316+HFS	8
CHECK	40	1 1/2	600 CL.	RFSF	BONNEY FORGE	RB BB PISTON NACE INTEG (316 DUAL))	316/L	316/L+HFS INC SPR	8
CHECK	40	1 1/2	600 CL.	RTJUC	APV	RB BB PISTON INTEG	A105N	13CR+HFS	8
CHECK	40	1 1/2	600 CL.	RTJUC	APV	RB BB SWING NACE INTEG	A105N	13CR+HF	12
CHECK	40	1 1/2	600 CL.	RTJUC	BONNEY FORGE	RB BB SWING NACE INTEG	LF2	316+HF	16
CHECK	40	1 1/2	800 CL.	NPT	APV	RB BB PISTON DUAL 316	316/L	316+HFS 316 SPR	14
CHECK	40	1 1/2	800 CL.	NPT	BONNEY FORGE	RB BB PISTON DUAL 316	316/L	316+HFS 316 SPR	7
CHECK	40	1 1/2	800 CL.	BSP	APV	RB BB PISTON	A105N	13CR+HFS	70
CHECK	40	1 1/2	800 CL.	NPT	APV	RB BB PISTON NACE	A105N	13CR+HFS	30
CHECK	40	1 1/2	800 CL.	NPT	APV	RB BB BALL	A105N	13CR+HFS	10
CHECK	40	1 1/2	800 CL.	NPT	BONNEY FORGE	RB BB PISTON NACE	LF2	316+HF INC SPR	10
CHECK	40	1 1/2	1500 CL.	NPT	APV	SB BB PISTON NACE	316/L	316+HFS 316 SPR	2
CHECK	40	1 1/2	1500 CL.	NPT	APV	SB BB SWING NACE DUAL 316	316/L	316+HF	2
CHECK	40	1 1/2	1500 CL.	NPT	APV	SB BB PISTON NACE	A105N	13CR+HFS	8
CHECK	40	1 1/2	1500 CL.	RTJUC	APV	SB BB SWING NACE INTEG	A105N	13CR+HFS	5
CHECK	40	1 1/2	1500 CL.	NPT	APV	SB BB PISTON NACE	LF2	316+HFS INC SPR	6

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	40	1 1/2	1500 CL.	NPT	APV	SB BB SWING NACE	LF2	316+HFS	9
CHECK	40	1 1/2	2500 CL.	NPT	APV	FB BB PISTON	A105N	13CR+HF	12
CHECK	40	1 1/2	2500 CL.	NPT	APV	SB BB SWING NACE	A105N	13CR+HF INC SPR	3
CHECK	40	1 1/2	6000 PSI	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	12
CHECK	40	1 1/2	TABLE E	FF	SAUNDERS	RB PISTON <b>DOUBLE CHECK</b>	CI	BRONZE	3
CHECK	40	1 1/2	TABLE H	UNDRILLFF	APV STEAMCO	FB BB PISTON	ALBRZ	SS+BRONZE 316 SPR	4
CHECK	40	1 1/2	TABLE H	RF	APV STEAMCO	FB BB PISTON	WCB	13CR+HFS	8
CHECK	50	2	125 CL.	FF	SAUNDERS	FB 2P <b>HRL NX</b>	DI	BUTYL FLAP	8
CHECK	50	2	125 CL.	FF	ASHIAV	FB BB SWING	PVC	EPDM	2
CHECK	50	2	150 CL.	RFSF	APV	FB BB <b>BALL</b> INTEG	A105N	13CR+HFS	2
CHECK	50	2	150 CL.	RFSF	BONNEY FORGE	FB BB SWING NACE	A105N	13CR+HFS	15
CHECK	50	2	150 CL.	RFSF	RAIMONDI	FB BB SWING	A20	ALLOY20	1
CHECK	50	2	150 CL.	RFSF	APV	FB BB SWING 0050AP1478A	CF8	304	8
CHECK	50	2	150 CL.	RFSF	APV	FB BB SWING NACE 4A CAST	F51	F51+HFS	2
CHECK	50	2	150 CL.	RFSF	APV	FB BB SWING NACE	WCB	13CR+HFS	40
CHECK	50	2	150 CL.	RFSF	JC	FB BB SWING NACE	WCB	13CR+HF	30
CHECK	50	2	300 CL.	RFSF	BONNEY FORGE	FB BB SWING NACE	A105N	13CR+HFS	10
CHECK	50	2	300 CL.	RFSF	BONNEY FORGE	FB BB PISTON NACE	A105N	13CR+HFS	6
CHECK	50	2	300 CL.	RFSF	HATTERSLEY	FB BB SWING	C5	13CR+HF	4
CHECK	50	2	300 CL.	RFSF	APV	FB BB SWING NACE (CF8M DUAL)	CF3M	316	15
CHECK	50	2	300 CL.	RFSF	APV	FB BB SWING	CF8	304	4
CHECK	50	2	300 CL.	UNDRILLRF	APV	FB BB PISTON	CF8M	316 INC SPR	9
CHECK	50	2	300 CL.	UNDRILLRF	APV	FB BB SWING 4A CAST	F51	F51+HFS	2
CHECK	50	2	300 CL.	RFSF	APV-FZV	FB BB SWING NACE (WCC DUAL)	LCC	316+HFS	8
CHECK	50	2	300 CL.	RFSF	HATTERSLEY	FB BB SWING	WC6	13CR+HF	3
CHECK	50	2	300 CL.	RFSF	APV	FB BB SWING NACE	WCB	13CR+HF	24
CHECK	50	2	300 CL.	RFSF	APV	FB BB SWING (WCB DUAL)	WCC	13CR+HFS	24
CHECK	50	2	600 CL.	RFSF	BONNEY FORGE	SB BB SWING NACE INTEG	316/L	316+HF	3
CHECK	50	2	600 CL.	RTJUC	HATTERSLEY	FB BB SWING	C5	13CR+HFS	2
CHECK	50	2	600 CL.	RFSF	APV-FZV	FB BB SWING NACE	CF8M	316	6
CHECK	50	2	600 CL.	RFSF	APV-FSV	FB BB PISTON NACE INTEG	LCC	316+HF INC SPR	8
CHECK	50	2	600 CL.	RFSF	BONNEY FORGE	FB BB PISTON NACE INTEG	LF2	316+HF INC SPR	10
CHECK	50	2	600 CL.	RFSF	BONNEY FORGE	SB BB SWING NACE (DUAL A105)	LF2	316+HFS	7
CHECK	50	2	600 CL.	RTJUC	HATTERSLEY	FB BB SWING	WC6	13CR+HFS	1
CHECK	50	2	600 CL.	RTJUC	JC	FB BB SWING NACE	WCB	13CR+HFS	16
CHECK	50	2	600 CL.	BW80	APV	FB BB SWING (WCB DUAL)	WCC	13CR+HF	6
CHECK	50	2	600 CL.	RFSF	APV	FB BB SWING NACE (WCB DUAL)	WCC	13CR+HFS	10
CHECK	50	2	800 CL.	NPT	APV	RB BB SWING DUAL 304/304L	304/L	304+HFS	8
CHECK	50	2	800 CL.	BSPT	APV	RB BB SWING	316/L	316	25
CHECK	50	2	800 CL.	NPT	APV	RB BB PISTON NACE	316/L	316	16
CHECK	50	2	800 CL.	NPT	APV	RB BB SWING DUAL 316	316/L	316+HFS	8
CHECK	50	2	800 CL.	NPT	JC	RB BB PISTON NACE DUAL 316	316/L	13CR+HFS 316 SPR	26
CHECK	50	2	800 CL.	BW80	APV	RB BB PISTON	A105N	13CR+HFS	6
CHECK	50	2	800 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HFS	25
CHECK	50	2	800 CL.	NPT	APV	RB BB <b>BALL</b>	A105N	13CR+HFS INC SPR	22
CHECK	50	2	800 CL.	NPT	APV	RB BB PISTON	A105N	13CR+HFS INC SPR	50
CHECK	50	2	800 CL.	NPT	APV	RB BB SWING	A105N	13CR	60
CHECK	50	2	800 CL.	NPT	BONNEY FORGE	RB BB PISTON	A105N	13CR+HFS INC SPR	60
CHECK	50	2	800 CL.	SW	APV	RB BB PISTON	F11	13CR+HF	2
CHECK	50	2	800 CL.	NPT	APV	RB BB PISTON NACE DUAL 316	LF2	316 316 SPR	9
CHECK	50	2	1500 CL.	NPT	APV	SB BB PISTON NACE DUAL 316	316/L	316 INC SPR	6
CHECK	50	2	1500 CL.	NPT	APV	SB WB SWING NACE DUAL 316	316/L	316+HF	4
CHECK	50	2	1500 CL.	NPT	APV	SB BB SWING NACE	A105N	13CR+HF	13
CHECK	50	2	1500 CL.	NPT	APV	SB BB SWING NACE	A105N	13CR+HFS	15
CHECK	50	2	1500 CL.	RFSF	APV	SB BB PISTON	A105N	13CR+HF INC SPR	8
CHECK	50	2	1500 CL.	RTJUC	APV	SB BB PISTON NACE	A105N	316 INC SPR	6
CHECK	50	2	1500 CL.	SW	APV	SB BB PISTON <b>Y TYPE</b>	A105N	316+HFS	2
CHECK	50	2	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE	A105N	13CR+HF INC SPR	10
CHECK	50	2	1500 CL.	RTJUC	APV	FB BB SWING NACE	CF8M	316+HFS	2
CHECK	50	2	1500 CL.	RTJUC	APV	FB BB SWING NACE LCB DUAL	LCC	316+HF	4
CHECK	50	2	1500 CL.	NPT	APV	SB BB SWING NACE	LF2	316+HF	6
CHECK	50	2	1500 CL.	BW160	BONNEY FORGE	FB BB SWING NACE	LF2	13CR+HF	2
CHECK	50	2	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE A105N DUAL	LF2	316+HF INC SPR	6
CHECK	50	2	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE A105N DUAL	LF2	13CR+HFS INC SPR	13
CHECK	50	2	1500 CL.	RTJUC	BONNEY FORGE	FB BB SWING NACE A105N DUAL	LF2	316+HF	18
CHECK	50	2	1500 CL.	RTJUC	BONNEY FORGE	FB BB PISTON NACE A105N DUAL	LF2	316+HF INC SPR	3
CHECK	50	2	1500 CL.	BW80	APV	FB BB SWING NACE	WCB	13CR+HFS	3
CHECK	50	2	1500 CL.	RTJ	APV	FB PSB SWING NACE	WCB	316+HF	14
CHECK	50	2	1500 CL.	UNDRILL	APV	FB BB PISTON	WCB	13CR+HF INC SPR	3
CHECK	50	2	1500 CL.	RTJ	APV	FB BB PISTON NACE	WCB	13CR+HFS INC SPR	3
CHECK	50	2	1500 CL.	RTJ	JC	FB BB SWING NACE	WCB	13CR+HF	13

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	50	2	1500 CL.	RTJUC	JC	FB BB SWING NACE	WCB	13CR+HF	16
CHECK	50	2	2000 PSI	NPT	APV	FB BB SWING NACE	A105N	13CR+HFS	25
CHECK	50	2	2500 CL.	BWXXS	APV	FB BB SWING NACE	A105N	13CR+HF	1
CHECK	50	2	2500 CL.	NPT	APV	FB PSB PISTON	A105N	13CR+HF	8
CHECK	50	2	2500 CL.	NPT	APV	SB BB PISTON NACE	A105N	13CR+HF	2
CHECK	50	2	2500 CL.	NPT	BONNEY FORGE	FB BB SWING NACE	A105N	13CR+HF	9
CHECK	50	2	2500 CL.	BWXXS	APV	FB PSB SWING NACE	LF2	13CR+HF	1
CHECK	50	2	2500 CL.	NPT	APV	SB PSB SWING NACE A105N DUAL	LF2	316+HF	6
CHECK	50	2	2500 CL.	BWXXS	JC	FB PSB SWING NACE	LF2	316+HF	2
CHECK	50	2	2500 CL.	RTJ	APV	FB PSB SWING NACE	WCB	316+HF	2
CHECK	50	2	2500 CL.	RTJUC	APV	FB BB SWING NACE	WCB	316+HF	4
CHECK	50	2	5000 PSI	NPT	KF	SB 2P BALL SERIES 60	WCB	316+VITON SEAT	14
CHECK	50	2	10000 PSI	RTJ	APV	BB PISTON NACE	C/S	410	1
CHECK	50	2	PN16	FF	SAUNDERS	2P SWING NX HRL	CI	BUTYL FLAP	8
CHECK	50	2	PN16	RFSF	APV	BB SWING	WCB	13CR+HFS	2
CHECK	50	2	TABLE D	FFSF	SAUNDERS	2P SWING NX	CI	BUTYL FLAP	6
CHECK	50	2	TABLE E	FF	SAUNDERS	2P SWING	CI	BUTYL FLAP	7
CHECK	50	2	TABLE F	UNDRILLRF	APV	BB SWING	BRZ	BRONZE 316 HP	2
CHECK	50	2	TABLE F	UNDRILLRF	JOHN	BB PISTON	CI	BRONZE	6
CHECK	50	2	TABLE R	UNDRILLRF	HOPKINSON	BB PISTON	WCB	316	2
CHECK	65	2 1/2	150 CL.	RFSF	APV	BB SWING (CF8M DUAL)	CF3M	316	2
CHECK	65	2 1/2	150 CL.	RFSF	APV	BB SWING	CF8	304	2
CHECK	65	2 1/2	150 CL.	RFSF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	8
CHECK	65	2 1/2	200 PSI	BSP	FLOWTURN	BB SWING	CF8M	316	2
CHECK	80	3	125 CL.	UNDRILLFF	UNIFLO	2P SWING NX	CI	BUTYL FLAP	2
CHECK	80	3	150 CL.	RFSF	APV	BB SWING (CF8M DUAL)	CF3M	316	7
CHECK	80	3	150 CL.	RFSF	APV	BB SWING	CF8	304	4
CHECK	80	3	150 CL.	BW40	HATTERSLEY	BB SWING	WCB	13CR+HFS	8
CHECK	80	3	150 CL.	RFSF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	36
CHECK	80	3	200 PSI	BSP	FLOWTURN	SCB SWING	CF8M	316	1
CHECK	80	3	300 CL.	RFSF	APV	BB SWING (CF8M DUAL)	CF3M	316+HFS	5
CHECK	80	3	300 CL.	RFSF	APV	BB SWING	CF8	304	10
CHECK	80	3	300 CL.	RFSF	APV	BB PISTON C/W SPRING	CF8M	316+HFS	2
CHECK	80	3	300 CL.	RFSF	APV	BB SWING NACE (WCC DUAL)	LCC	316+HFS	4
CHECK	80	3	300 CL.	UNDRILLRF	APV	BB SWING (WCB/LCB DUAL)	LCC	13CR+HFS	2
CHECK	80	3	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON C/W SPRING	WCB	13CR+HFS X750 SPR	1
CHECK	80	3	300 CL.	BW40	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	8
CHECK	80	3	300 CL.	RFSF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	12
CHECK	80	3	600 CL.	RFSF	APV	BB SWING NACE	CF8	304	2
CHECK	80	3	600 CL.	RFSF	APV	BB SWING NACE	CF8M	316	4
CHECK	80	3	600 CL.	BW80	APV	BB SWING NACE	WCB	13CR+HF	2
CHECK	80	3	600 CL.	RTJUC	APV	BB SWING	WCB	316+HF	6
CHECK	80	3	600 CL.	RFSF	APV	BB PISTON	WCB	13CR+HFS	1
CHECK	80	3	600 CL.	RFSF	JOHNS	BB RIGHT ANGLE PISTON PRESS BAL	WCB	316 316 SPR	1
CHECK	80	3	900 CL.	RTJUC	APV	BB SWING NACE API6D	WCB	316+HFS	5
CHECK	80	3	900 CL.	RTJUC	APV	PSB SWING NACE	WCB	13CR+HF	6
CHECK	80	3	900 CL.	RTJUC	JC	BB SWING NACE API6D	WCB	316+HFS	5
CHECK	80	3	900 CL.	RFSF	APV	BB SWING NACE	WCC	13CR+HF	4
CHECK	80	3	1500 CL.	BW160	APV	BB SWING NACE (WCC DUAL)	LCC	316+HF	1
CHECK	80	3	1500 CL.	BW80	APV	BB SWING NACE	WCB	13CR+HF	5
CHECK	80	3	1500 CL.	RFSF	APV	BB SWING NACE	WCB	13CR+HF	6
CHECK	80	3	1500 CL.	RTJUC	JC	BB SWING NACE API6D	WCB	13CR+HF	18
CHECK	80	3	1500 CL.	BW160	APV	BB SWING NACE 0080AP199UN1BWE	WCC	13CR+HF	2
CHECK	80	3	1500 CL.	RTJUC	APV	BB SWING NACE (WCB DUAL)	WCC	13CR+HF	4
CHECK	80	3	2200 PSI	NPT	APV	BB SWING NACE 900CL	WCB	316+VITON SEAT	70
CHECK	80	3	2500 CL.	RFSF	MOKVELD	2P PISTON AXIAL DISC TKZ-E-O	316	316 300% SPRING	2
CHECK	80	3	2500 CL.	RTJ	APV	PSB SWING NACE	WCB	316+HF	1
CHECK	80	3	2680 CL.	BW160	ROCKWELL	WB PISTON Y TYPE	F22	13CR+HF	1
CHECK	80	3	3700 PSI	NPT	APV	BB SWING NACE 1500CL FP	WCB	13CR	3
CHECK	80	3	PN16	RF	SAUNDERS	2P SWING NX HRL	CI	BUTYL FLAP	5
CHECK	80	3	TABLE D	FF	SAUNDERS	2P SWING "N"	CI	BUTYL FLAP	5
CHECK	80	3	TABLE F	UNDRILLFF	FLOWTURN	BB SWING	CI	BRONZE	2
CHECK	80	3	TABLE F	RF	SAUNDERS	2P SWING NX HRL	DI	BUTYL FLAP	5
CHECK	100	4	125 CL.	FF	FLOWTURN	SCB SWING	BRZ	BRONZE	1
CHECK	100	4	125 CL.	FF	FLOWTURN	BB SWING	CI	BRONZE	12
CHECK	100	4	125 CL.	UNDRILLFF	UNIFLO	2P SWING NX HRL	CI	BUTYL FLAP	2
CHECK	100	4	150 CL.	RFSF	APV	BB SWING (CF8M DUAL)	CF3M	316+HFS	8
CHECK	100	4	150 CL.	RFSF	APV-FZV	BB SWING NACE (WCC & LCB DUAL)	LCC	316+HFS	4
CHECK	100	4	150 CL.	RFSF	JC	BB SWING NACE	WCB	13CR+HFS	20
CHECK	100	4	150 CL.	RFSF	JC	BB SWING NACE	WCB	13CR+HFS	30
CHECK	100	4	150 CL.	UNDRILLRF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	3



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	100	4	300 CL.	RFSF	APV	BB SWING (CF8M DUAL)	CF3M	316	4
CHECK	100	4	300 CL.	RFSF	APV	BB SWING	LCC	316+HFS	2
CHECK	100	4	300 CL.	UNDRILLRF	APV	BB SWING	WCB	13CR+HFS	5
CHECK	100	4	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON C/W SPRING	WCB	13CR+HFS X750 SPR	2
CHECK	100	4	300 CL.	RFSF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	14
CHECK	100	4	600 CL.	RTJUC	HATTERSLEY	BB SWING	C5	13CR+HFS	3
CHECK	100	4	600 CL.	RFSF	RAIMONDI	BB SWING NACE	CF8	304	1
CHECK	100	4	600 CL.	RFSF	APV	BB SWING	CF8M	316	1
CHECK	100	4	600 CL.	RFSF	APV	BB SWING NACE	LCC	316+HFS	5
CHECK	100	4	600 CL.	RTJUC	HATTERSLEY	BB SWING	WC6	13CR+HFS	9
CHECK	100	4	600 CL.	RFSF	JC	BB SWING	WCB	13CR+HF	4
CHECK	100	4	600 CL.	RTJUC	APV	BB SWING NACE (WCB DUAL)	WCC	316+HF	6
CHECK	100	4	900 CL.	BW120	APV	BB SWING NACE	WCB	316+HF	2
CHECK	100	4	900 CL.	RTJUC	APV	BB SWING NACE	WCB	316+HF	7
CHECK	100	4	900 CL.	BW80	COLVES	BB SWING NACE	WCB	13CR+HF	3
CHECK	100	4	900 CL.	RTJ	COLVES	BB SWING NACE	WCB	13CR+HF	6
CHECK	100	4	900 CL.	RTJUC	JC	BB SWING NACE	WCB	316+HF	4
CHECK	100	4	900 CL.	RFSF	APV	BB SWING NACE	WCC	13CR+HF	4
CHECK	100	4	900 CL.	RTJUC	APV	BB SWING NACE	WCC	13CR+HF	4
CHECK	100	4	900 CL.	BW120	APV-FZV	BB SWING NACE	WCC	13CR+HF	3
CHECK	100	4	900 CL.	RTJUC	APV-FZV	BB SWING NACE	WCC	316+HF	2
CHECK	100	4	1500 CL.	RTJUC	APV	BB SWING NACE	WCB	316+HF	4
CHECK	100	4	1500 CL.	RTJUC	APV	PSB SWING NACE	WCB	316+HF	2
CHECK	100	4	1500 PSI	NPT	KF	BB SWING NACE SERIES 32	WCB	316	2
CHECK	100	4	1500 CL.	BW120	APV	PSB SWING NACE (WCB DUAL)	WCC	316+HF	3
CHECK	100	4	2500 CL.	RTJ	APV	PSB SWING NACE NDT	WCB	316+HF	1
CHECK	100	4	TABLE H	UNDRILLRF	APV	BB SWING	WCB	BRONZE	3
CHECK	100	4	TABLE S	UNDRILLRF	HOPKINSON	BB PISTON R/A 600CL (90 DEG)	WCB	316	2
CHECK	125	5	150 CL.	UNDRILLRF	APV	BB SWING	WCB	13CR	4
CHECK	125	5	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON	WCB	13CR+HFS	2
CHECK	125	5	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON R/A (90 DEG)	WCB	13CR+HFS	1
CHECK	150	6	125 CL.	FF	FLOWTURN	BB SWING	CI	BRONZE	10
CHECK	150	6	150 CL.	RFSF	APV	BB SWING	CF3M	316+HFS	9
CHECK	150	6	150 CL.	BW40	APV	BB SWING	WC6	13CR+HFS	1
CHECK	150	6	150 CL.	RFSF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	16
CHECK	150	6	300 CL.	RFSF	APV	BB SWING	CF8	304	3
CHECK	150	6	300 CL.	RFSF	MALBRANQUE	BB SWING	CF8C	321+HF	2
CHECK	150	6	300 CL.	RFSF	NEWCO	BB SWING	CF8M	316	3
CHECK	150	6	300 CL.	RFSF	APV-FZV	BB SWING NACE (WCC/LCB DUAL)	LCC	316+HF	3
CHECK	150	6	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON R/A	WCB	13CR+HFS	1
CHECK	150	6	300 CL.	RFSF	JC	BB SWING NACE	WCB	13CR+HFS	6
CHECK	150	6	300 CL.	UNDRILLRF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	8
CHECK	150	6	600 CL.	RTJUC	HATTERSLEY	BB SWING NACE	C5	13CR+HFS	1
CHECK	150	6	600 CL.	RFSF	APV	BB SWING NACE (CF8M DUAL)	CF3M	316+HFS	6
CHECK	150	6	600 CL.	RTJUC	APV-FZV	BB SWING NACE	WC6	316+HFS	2
CHECK	150	6	600 CL.	BW40	APV	BB SWING NACE	WCB	13CR+HF	3
CHECK	150	6	600 CL.	RFSF	JC	BB SWING NACE	WCB	13CR+HF	6
CHECK	150	6	600 CL.	BW80	APV-FZV	BB SWING NACE (WCB DUAL)	WCC	316+HFS	3
CHECK	150	6	900 CL.	RTJUC	APV-FZV	BB SWING NACE	WCB	316+HF	8
CHECK	150	6	900 CL.	BW80	APV-FZV	BB SWING NACE (WCB DUAL)	WCC	13CR+HFS	4
CHECK	150	6	900 CL.	RFSF	APV-FZV	BB SWING NACE (WCB DUAL)	WCC	13CR+HF	8
CHECK	150	6	1500 CL.	BW80	APV	PSB SWING NACE	WCB	13CR+HF	1
CHECK	150	6	1500 CL.	RTJUC	APV	BB SWING NACE	WCB	316+HF	2
CHECK	150	6	1500 CL.	RTJUC	APV	PSB SWING NACE	WCB	316+HF	2
CHECK	150	6	1500 CL.	BW80	JC	BB SWING NACE	WCB	13CR+HF	46
CHECK	150	6	1500 CL.	RTJUC	JC	BB SWING NACE	WCB	13CR+HF	130
CHECK	150	6	2500 CL.	RTJ	APV	PSB SWING NACE	WCB	316+HFS	2
CHECK	150	6	TABLE D	FF	FLOWTURN	BB BALL	CI	EPDM BALL	4
CHECK	150	6	TABLE D	FF	UNIFLO	2P SWING NX	CI	BUTYL FLAP	1
CHECK	150	6	TABLE F	UNDRILLFF	HOPKINSON	BB PISTON	CI	316	1
CHECK	150	6	TABLE H	FF	APV STEAMCO	BB PISTON	WCB	13CR	1
CHECK	150	6	TABLE S	RFSF	HOPKINSON	BB PISTON	WCB	316	1
CHECK	200	8	125 CL.	RFSF	FLOWTURN	BB SWING 495 F TO F	CI	BRONZE	6
CHECK	200	8	125 CL.	UNDRILLFF	HERSEY	BB PISTON DOUBLE CHECK	CI	BRONZE	1
CHECK	200	8	150 CL.	RFSF	APV	BB SWING (CF8M DUAL)	CF3M	316+HFS	7
CHECK	200	8	150 CL.	UNDRILLRF	APV	BB SWING	CF8	304	5
CHECK	200	8	150 CL.	RFSF	APV	BB SWING API6D (SUIT COUNTERWEIGHT OR OVE	WCB	13CR+HFS	6
CHECK	200	8	150 CL.	UNDRILLRF	APV	BB SWING 0200AP147XUDD	WCB	13CR+HFS	4
CHECK	200	8	150 CL.	BW40	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	4
CHECK	200	8	150 CL.	RFSF	APV	BB SWING 0200AP147PXU1N2 (WCB DUAL)	WCC	13CR+HFS	12
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE	LCC	316+HFS	1

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	200	8	300 CL.	RFSF	APV	BB SWING API6D (SUIT COUNTERWEIGHT OR OVE	WCB	13CR+HFS	5
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE	WCB	13CR+HFS	12
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE 0200AP159PXUN1 (WCB DUAL)	WCC	13CR+HFS	10
CHECK	200	8	600 CL.	RFSF	APV	BB SWING NACE (WCB DUAL)	WCC	13CR+HF	1
CHECK	200	8	600 CL.	RFSF	APV	BB 2P SWING NACE	WCC	13CR+HFS	1
CHECK	200	8	900 CL.	RTJUC	APV	BB SWING NACE	WCB	316L+HF	1
CHECK	200	8	TABLE D	FF	FLOWTURN	BB <b>BALL</b>	CI	EPDM BALL	4
CHECK	200	8	TABLE D	RFSF	FABRI	BB SWING	<b>HAST</b>	HASTELLOY	1
CHECK	200	8	TABLE E	UNDRILLFF	FLOWTURN	BB SWING	CI	BRONZE 13CR HP	4
CHECK	200	8	TABLE F	FF	APV	BB SWING	WCB	BRONZE 13CR HP	3
CHECK	250	10	125 CL.	FF	FLOWTURN	BB SWING	CI	BRONZE	2
CHECK	250	10	125 CL.	FF	JOHN	2P <b>TILT</b> 565 F TO F	CI	BRONZE	1
CHECK	250	10	150 CL.	RFSF	RAIMONDI	BB SWING	<b>CF8</b>	304	1
CHECK	250	10	150 CL.	RFSF	APV	BB SWING	<b>CF8M</b>	316	1
CHECK	250	10	150 CL.	RFSF	FLOWTURN	2P <b>TILT</b> 546 F TO F	<b>CF8M</b>	316	1
CHECK	250	10	150 CL.	RFSF	APV	BB SWING	WCB	13CR+HFS	10
CHECK	250	10	150 CL.	UNDRILLRF	APV	BB SWING	WCB	13CR+HFS	6
CHECK	250	10	150 CL.	RFSF	DANIEL	BB SWING CONTROLLABLE	WCB	13CR	1
CHECK	250	10	300 CL.	RFSF	HATTERSLEY/H	BB SWING	<b>LCC</b>	316	2
CHECK	250	10	300 CL.	UNDRILLRF	APV STEAMCO	BB <b>PISTON</b>	WCB	13CR+HFS	1
CHECK	250	10	300 CL.	RFSF	MOKVELD	AXIAL DISC NOZZLE TKZ NON SLAM	WCB	316 150% SPR	1
CHECK	250	10	300 CL.	RFSF	APV	BB SWING NACE (WCB DUAL)	WCC	13CR+HFS	3
CHECK	250	10	600 CL.	RFSF	APV	BB SWING	<b>CF8M</b>	316+HFS	1
CHECK	250	10	600 CL.	RTJUC	APV	BB SWING NACE	WCB	316+HF	5
CHECK	250	10	600 CL.	RFSF	MOKVELD	AXIAL DISC NOZZLE TKZ NON SLAM	WCB	316 150	1
CHECK	250	10	900 CL.	BW100	APV	BB SWING NACE API6D PIGGABLE	WCC	316+HF	2
CHECK	250	10	900 CL.	RTJUC	APV-FZV	BB SWING NACE API6D PIGGABLE	WCC	316+HF	2
CHECK	250	10	900 CL.	BW100	JC	BB SWING NACE API6D PIGGABLE	WCC	316+HF	2
CHECK	250	10	2500 CL.	RFSF	MOKVELD	AXIAL DISC NOZZLE TKZ-Y-O WB	WCC	316	1
CHECK	250	10	TABLE D	FF	FLOWTURN	BB <b>BALL</b>	CI	EPDM BALL	4
CHECK	250	10	TABLE E	FF	FLOWTURN	BB SWING FF=622	CI	BRONZE	5
CHECK	250	10	TABLE H	FF	APV	BB SWING	WCB	13CR	1
CHECK	300	12	125 CL.	UNDRILLFF	FLOWTURN	BB SWING FF=699	CI	BRONZE 13CR HP	2
CHECK	300	12	150 CL.	RFSF	APV	BB SWING NACE (WCC DUAL)	<b>LCC</b>	316+HFS	2
CHECK	300	12	150 CL.	UNDRILLRF	APV	BB SWING NACE	WCB	13CR+HFS	2
CHECK	300	12	150 CL.	RFSF	APV	BB SWING NACE (WCB DUAL)	WCC	13CR+HF	2
CHECK	300	12	300 CL.	UNDRILLRF	JC	BB SWING	WCB	13CR+HFS	1
CHECK	300	12	300 CL.	UNDRILLRF	JC	BB SWING NACE	WCB	13CR+HFS	1
CHECK	300	12	600 CL.	RFSF	FASANI	BB SWING NACE	WCB	316+HF	1
CHECK	300	12	TABLE D	FF	FLOWTURN	BB <b>BALL</b>	CI	EPDM BALL	2
CHECK	350	14	125 CL.	UNDRILLFF	FLOWTURN	BB SWING FF=790	CI	BRONZE 13CR HP	1
CHECK	350	14	150 CL.	RFSF	JC	BB SWING NACE	WCB	13CR+HFS	1
CHECK	350	14	150 CL.	RFSF	APV	BB SWING NACE (WCB DUAL)	WCC	13CR+HFS	3
CHECK	350	14	300 CL.	RFSF	APV	BB SWING NACE	<b>LCC</b>	316+HFS	1
CHECK	350	14	1500 CL.	BWXXS	RINGO VALVE	PSB SWING NACE	A105N	316+HF	1
CHECK	400	16	125 CL.	UNDRILLFF	FLOWTURN	BB SWING FF=914	CI	BRONZE13CR HP	2
CHECK	400	16	150 CL.	RFSF	APV	BB SWING	<b>CF8</b>	304	1
CHECK	400	16	150 CL.	UNDRILLRF	JC	BB SWING NACE	WCB	13CR+HFS	1
CHECK	400	16	150 CL.	RFSF	APV	BB SWING NACE (WCB DUAL)	WCC	13CR+HFS	1
CHECK	400	16	300 CL.	RFSF	APV	BB SWING	<b>CF8</b>	304	1
CHECK	400	16	300 CL.	UNDRILLRF	JC	BB SWING NACE	WCB	13CR+HFS	1
CHECK	400	16	600 CL.	RTJUC	APV	BB SWING NACE	WCB	316L+HFS	1
CHECK	450	18	150 CL.	RFSF	APV	BB SWING NACE	<b>LCC</b>	316+HF	1
CHECK	450	18	150 CL.	RFSF	APV	BB SWING (WCB DUAL)	WCC	13CR+HFS	2
CHECK	450	18	300 CL.	UNDRILLRF	APV	BB SWING NACE	<b>LCC</b>	316+HF	1
CHECK	500	20	150 CL.	UNDRILLRF	JC	BB SWING NACE 6D PIGGABLE	<b>LCC</b>	316+HF	1
CHECK	500	20	150 CL.	RFSF	APV	BB SWING	WCB	13CR+HFS	2
CHECK	500	20	300 CL.	UNDRILLRF	JC	BB SWING NACE 6D PIGGABLE	<b>LCC</b>	316+HF	1
CHECK	600	24	TABLE E	UNDRILLFF	JOHN	BB <b>TILT</b> 2P FF=875	CI	BRONZE	1
CHECK	600	24	TABLE F	RF	MISSION	1P <b>TILT</b> SP FF=330 3100 KPA	DI	BRONZE	1
CHECK WAFER	25	1	150 CL.	RF WAFER	SUPERCHECK	INI FLAP LP LARGE PORT	<b>316</b>	316+SOFT/METAL INC SPR	<b>POA</b>
CHECK WAFER	25	1	300 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	<b>316</b>	316+316 SEAT 316 SPR	<b>8</b>
CHECK WAFER	25	1	300 CL.	RF WAFER	SUPERCHECK	INI FLAP LP LARGE PORT	<b>316</b>	316+SOFT/METAL INC SPR	<b>POA</b>
CHECK WAFER	25	1	600 CL.	RF WAFER	SUPERCHECK	INI FLAP LP LARGE PORT	<b>316</b>	316+SOFT/METAL INC SPR	<b>POA</b>
CHECK WAFER	25	1	1500 CL.	RF WAFER	SUPERCHECK	INI FLAP LP LARGE PORT	<b>316</b>	316+SOFT/METAL INC SPR	<b>POA</b>
CHECK WAFER	25	1	2500 CL.	RF WAFER	SUPERCHECK	INI FLAP LP LARGE PORT	<b>316</b>	316+SOFT/METAL INC SPR	<b>POA</b>
CHECK WAFER	40	1 1/2	150 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	<b>316</b>	316+316 SEAT 316 SPR	<b>7</b>
CHECK WAFER	40	1 1/2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	<b>CF8M</b>	316+316 SEAT INC SPR	<b>4</b>
CHECK WAFER	40	1 1/2	300 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	<b>316</b>	316+316 SEAT 316 SPR	<b>7</b>
CHECK WAFER	40	1 1/2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	<b>CF8M</b>	316+316 SEAT INC SPR	<b>3</b>
CHECK WAFER	40	1 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	<b>3</b>

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK WAFER	40	1 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+VITON SEAT INC SPR	4
CHECK WAFER	40	1 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF8M	316+METAL SEAT INC SPR	3
CHECK WAFER	50	2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	A20	A20+VITON SEAT INC SPR	3
CHECK WAFER	50	2	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+HFS INC SPR	4
CHECK WAFER	50	2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+316 SEAT INC SPR	17
CHECK WAFER	50	2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF3M	316+VITON GLT SEAT INC SPR	18
CHECK WAFER	50	2	150 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	CF8M	316+316 SEAT 316 SPR	4
CHECK WAFER	50	2	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES	F51	F51+HFS INC SPR	2
CHECK WAFER	50	2	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	20
CHECK WAFER	50	2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+VITON SEAT INC SPR	12
CHECK WAFER	50	2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+HFS INC SPR	20
CHECK WAFER	50	2	300 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	316	316+316 SEAT 316 SPR	6
CHECK WAFER	50	2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+316 SEAT INC SPR	6
CHECK WAFER	50	2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+NBR SEAT INC SPR	7
CHECK WAFER	50	2	300 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF8M	316+HFS INC SPR	2
CHECK WAFER	50	2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	LCC	316+HFS INC SPR	10
CHECK WAFER	50	2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	60
CHECK WAFER	50	2	300 CL.	RFSF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	40
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+316 SEAT INC SPR	6
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+NBR SEAT INC SPR	7
CHECK WAFER	50	2	600 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF8M	316+HFS INC SPR	2
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	LCC	316+HFS INC SPR	10
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	LCC	316+EPDM SEAT INC SPR	4
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	40
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	80
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	4
CHECK WAFER	50	2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HFS INC SPR	52
CHECK WAFER	50	2	1500 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	316	316+316 SEAT INC SPR	4
CHECK WAFER	50	2	1500 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HF INC SPR	60
CHECK WAFER	50	2	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	42
CHECK WAFER	50	2	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HF INC SPR	40
CHECK WAFER	50	2	1500 CL.	RTJ WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+VITON SEAT INC SPR	30
CHECK WAFER	50	2	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	LF2	316+HF INC SPR	20
CHECK WAFER	50	2	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	20
CHECK WAFER	50	2	1500 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HFS INC SPR	28
CHECK WAFER	50	2	2500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	8
CHECK WAFER	50	2	5000 PSI	RF WAFER	SUPERCHECK	DUAL FLAP NACE	F6A	316+VITON SEAT INC SPR	4
CHECK WAFER	50	2	5000 PSI	RTJ WAFER	SUPERCHECK	DUAL FLAPNACE	F6A	316+HFS INC SPR	7
CHECK WAFER	50	2	5000 PSI	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	LF2	316+HFS INC SPR	7
CHECK WAFER	50	2	PN40	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	CF8M	316+316 SEAT 316 SPR	8
CHECK WAFER	65	2 1/2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+316 SEAT 316 SPR	3
CHECK WAFER	65	2 1/2	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+EPDM SEAT 316 SPR	5
CHECK WAFER	65	2 1/2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+316 SEAT 316 SPR	5
CHECK WAFER	65	2 1/2	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+ST#6 SEAT INC SPR	5
CHECK WAFER	65	2 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+VITON SEAT INC SPR	1
CHECK WAFER	65	2 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+316 SEAT INC SPR	3
CHECK WAFER	65	2 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+NBR SEAT INC SPR	5
CHECK WAFER	65	2 1/2	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+ST#6 SEAT INC SPR	5
CHECK WAFER	65	2 1/2	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	2
CHECK WAFER	65	2 1/2	5000 PSI	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	2
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	A20	A20+VITON SEAT INC SPR	2
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+VITON GLT SEAT INC SPR	15
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+316 SEAT 316 SPR	12
CHECK WAFER	80	3	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP	CF8M	316+HFS X750 SPR	2
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	CF8M	316+316 SEAT 316 SPR	4
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 0080AGW15CAPF-93-191 (CD3MN-4A)	F51	F51+HFS INC SPR	3
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	25
CHECK WAFER	80	3	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	WCB	316+VITON SEAT 316 SPR	14
CHECK WAFER	80	3	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HFS INC SPR	14
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC) PN63	316	316+316 SEAT 316 SPR	4
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 0080AGW30CAP-93-191(F51)	CD3MN	F51/CD3MN+ST#6 SEAT INC SPR	10
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 0080AGW30CBFN7999 F53/5A	CE3MN	F53/CE3MN+ST#6 SEAT INC SPR	3
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+EPDM SEAT INC SPR	2
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES (CF8M DUAL)	CF3M	316+VITON GLT SEAT 316 SPR	5
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8M	316+316 SEAT 316 SPR	3
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8M	316+316 SEAT 316 SPR	2
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB/LCB DUAL)	LCC	316+EPDM SEAT INC SPR	6
CHECK WAFER	80	3	300 CL.	RF LUGGED	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	4
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HF INC SPR	60
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+NBR SEAT INC SPR	9
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	WCC	316+HF INC SPR	68

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK WAFER	80	3	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	20
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 0080AGW60CAPF-93-191 (F51)	CD3MN	F51/CD3MN+ST#6 SEAT INC SPR	10
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CE3MN	CE3MN+ST#6 SEAT INC SPR	1
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+316 SEAT 316 SPR	3
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+EPDM SEAT INC SPR	2
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF8M	316+VITON SEAT INC SPR	5
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8M	316+316 SEAT 316 SPR	4
CHECK WAFER	80	3	600 CL.	RF WAFER	APV	DUAL FLAP	LCB	316+HFS INC SPR	4
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB/LCB DUAL)	LCC	316+ST#6 SEAT INC SPR	7
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB/LCB DUAL)	LCC	316+EPDM SEAT INC SPR	4
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+NBR SEAT INC SPR	7
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+316 SEAT INC SPR	68
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP NACE	WCB	316+316 SEAT INC SPR	4
CHECK WAFER	80	3	600 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HFS INC SPR	10
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HF INC SPR	58
CHECK WAFER	80	3	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	25
CHECK WAFER	80	3	900 CL.	RF WAFER	GOODWIN	DUAL FLAP	A105	410+VITON SEAT	24
CHECK WAFER	80	3	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105	316+HF INC SPR	12
CHECK WAFER	80	3	900 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	5
CHECK WAFER	80	3	900 CL.	RTJ WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	LF2	316+HFS INC SPR	2
CHECK WAFER	80	3	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	5
CHECK WAFER	80	3	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HF INC SPR	10
CHECK WAFER	80	3	1500 CL.	RTJ FLGD	APV	DUAL FLAP NACE	CE8MN	F51+VITON SEAT	2
CHECK WAFER	80	3	1500 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HF INC SPR	5
CHECK WAFER	80	3	2500 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+HF INC SPR	2
CHECK WAFER	80	3	2500 CL.	RTJ WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	5
CHECK WAFER	80	3	3000 PSI	RF WAFER	APV	DUAL FLAP NACE	F6A	316+VITON SEAT INC SPR	2
CHECK WAFER	80	3	3000 PSI	RTJ WAFER	APV	DUAL FLAP NACE	F6A	316+HFS INC SPR	6
CHECK WAFER	80	3	3000 PSI	RF WAFER	GOODWIN	DUAL FLAP NACE	LF2	316+VITON SEAT	1
CHECK WAFER	80	3	5000 PSI	RF WAFER	APV	DUAL FLAP NACE	F6A	316-316 SEAT INC SPR	6
CHECK WAFER	80	3	5000 PSI	RTJ WAFER	APV	DUAL FLAP NACE	F6A	316-VITON GLT SEAT INC SPR	4
CHECK WAFER	80	3	PN40	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	CF8M	316+316 SEAT 316 SPR	6
CHECK WAFER	100	4	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES (CF8M DUAL)	CF3M	316-HFS INC SPR	4
CHECK WAFER	100	4	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316-VITON GLT SEAT 316 SPR	9
CHECK WAFER	100	4	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+304 SEAT 304 SPR	4
CHECK WAFER	100	4	150 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	CF8M	316-316 SEAT 316 SPR	4
CHECK WAFER	100	4	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+316 SEAT 316 SPR	7
CHECK WAFER	100	4	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8M	316+316 SEAT INC SPR	6
CHECK WAFER	100	4	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8M	316+PTFE SEAT INC SPR	3
CHECK WAFER	100	4	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES	F51	F51+HFS INC SPR	2
CHECK WAFER	100	4	150 CL.	RF LUGGED	APV	DUAL FLAP NACE	WCB	316+VITON SEAT INC SPR	4
CHECK WAFER	100	4	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	10
CHECK WAFER	100	4	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	10
CHECK WAFER	100	4	300 CL.	RF WAFER	GESTRA	AXIAL DISC (SPRING DISC)	316	316+316 SEAT INC SPR	2
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	316	316-316 SEAT 316 SPR	3
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+VITON GLT SEAT INC SPR	7
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF8M	316+EPDM SEAT INC SPR	2
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	CF8M	316-316 SEAT 316 SPR	7
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB/LCB DUAL)	LCC	316+EPDM SEAT INC SPR	7
CHECK WAFER	100	4	300 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	4
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	WCB	316+HFS INC SPR	11
CHECK WAFER	100	4	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	26
CHECK WAFER	100	4	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 0080AGW60CAPF-93-191 (F51)	CD3MN	F51/CD3MN+ST#6 SEAT INC SPR	6
CHECK WAFER	100	4	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP F55 AGW SERIES	CE3MN	CE3MN+HFS INC SPR	4
CHECK WAFER	100	4	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+ST#6 SEAT INC SPR	8
CHECK WAFER	100	4	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP CE3MN AGW SERIES	F51	F51+EPDM SEAT	1
CHECK WAFER	100	4	600 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HF INC SPR	5
CHECK WAFER	100	4	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	8
CHECK WAFER	100	4	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	10
CHECK WAFER	100	4	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+VITON SEAT INC SPR	6
CHECK WAFER	100	4	900 CL.	RTJ LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HFS INC SPR	8
CHECK WAFER	100	4	900 CL.	RTJ WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	8
CHECK WAFER	100	4	900 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	3
CHECK WAFER	100	4	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HF INC SPR	10
CHECK WAFER	100	4	1500 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+VITON SEAT INC SPR	2
CHECK WAFER	100	4	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	A105N	316+HF INC SPR	4
CHECK WAFER	100	4	1500 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+HF INC SPR	2
CHECK WAFER	100	4	2500 CL.	RF WAFER	GOODWIN	DUAL FLAP NACE	A105	316+HFS INC SPR	2
CHECK WAFER	100	4	2500 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+HF INC SPR	3
CHECK WAFER	100	4	2500 CL.	RTJ WAFER	APV	DUAL FLAP NACE	A105N	316+HF INC SPR	2
CHECK WAFER	100	4	2500 CL.	RTJ WAFER	GOODWIN	DUAL FLAP NACE	A105N	316+HFS INC SPR	1



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK WAFER	100	4	3000 PSI	RF WAFER	SUPERCHECK	DUAL FLAP NACE	F6A	410+VITON VGLT SEAT INC SPR	1
CHECK WAFER	100	4	3000 PSI	RF WAFER	GOODWIN	DUAL FLAP NACE	LF2	410+VITON SEAT INC SPR	1
CHECK WAFER	100	4	5000 PSI	RF WAFER	SUPERCHECK	DUAL FLAP NACE	F6A	410+VITON SEAT INC SPR	2
CHECK WAFER	100	4	PN40	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	CF8M	316+316 SEAT 316 SPR	5
CHECK WAFER	100	4	TABLE E	FF WAFER	SUPERCHECK	UNI FLAP SP 2024	CF8M	316+PTFE SEAT 316 SPR	4
CHECK WAFER	125	5	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP	CI	AL-BRZ+BUNA SEAT	80
CHECK WAFER	125	5	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	410/WCB+VITON SEAT INC SPR	31
CHECK WAFER	125	5	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP	CI	AL-BRZ-BUNA SEAT	90
CHECK WAFER	150	6	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP	CI	316+BUNA SEAT 316 SPR	20
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF3M	316+EPDM SEAT 316 SPR	4
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+316 SEAT 316 SPR	9
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+VITON GLT SEAT 304 SPR	1
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+304 SEAT INC SPR	1
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+VITON GLT SEAT INC SPR	10
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8M	316+316 SEAT INC SPR	3
CHECK WAFER	150	6	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP 0150ASG15CBPF1-87-9 SUPER DUPL	F53	S32750+HFS	1
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB/LCB DUAL)	LCC	316+NEOP SEAT 316 SPR	8
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	AXIAL DISC N SSLSC (SPRUNG DISC)	WCB	304+METAL SEAT 316 SPR	1
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	12
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	WCB	316+NBR SEAT INC SPR	1
CHECK WAFER	150	6	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+HFS INC SPR	5
CHECK WAFER	150	6	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	11
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+316 SEAT INC SPR	9
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+VITON GLT SEAT 304 SPR	3
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	316+EPDM SEAT INC SPR	2
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	CF8	304+304 SEAT 304 SPR	1
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+VITON SEAT INC SPR	6
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+EPDM SEAT 316 SPR	6
CHECK WAFER	150	6	300 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	8
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+VITON SEAT INC SPR	13
CHECK WAFER	150	6	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HFS INC SPR	12
CHECK WAFER	150	6	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES (CF8M DUAL)	CF3M	316+HFS INC SPR	3
CHECK WAFER	150	6	600 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	11
CHECK WAFER	150	6	600 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+VITON SEAT INC SPR	8
CHECK WAFER	150	6	600 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HF INC SPR	3
CHECK WAFER	150	6	600 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	5
CHECK WAFER	150	6	900 CL.	RFSF WAFER	GOODWIN	DUAL FLAP CEPPRIE	A105	410+METAL SEAT INC SPR	2
CHECK WAFER	150	6	900 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+HF INC SPR	4
CHECK WAFER	150	6	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+HFS INC SPR	1
CHECK WAFER	150	6	900 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	F51	F51+HFS INC SPR	1
CHECK WAFER	150	6	900 CL.	RTJ WAFER	GOODWIN	DUAL FLAP	LF2	316+HF INC SPR	2
CHECK WAFER	150	6	900 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	7
CHECK WAFER	150	6	900 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+VITON SEAT INC SPR	2
CHECK WAFER	150	6	900 CL.	RTJ WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	2
CHECK WAFER	150	6	1500 CL.	RTJ WAFER	APV	DUAL FLAP	CF8M	316+VITON SEAT INC SPR	1
CHECK WAFER	150	6	1500 CL.	RF WAFER	APV	DUAL FLAP NACE	LF2	316+HF INC SPR	2
CHECK WAFER	150	6	1500 CL.	RF WAFER	APV	DUAL FLAP NACE	LF2	316+VITON SEAT INC SPR	1
CHECK WAFER	150	6	1500 CL.	RTJ WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	2
CHECK WAFER	150	6	1500 CL.	RTJ WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	1
CHECK WAFER	150	6	2500 CL.	RTJ WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+316 SEAT INC SPR	1
CHECK WAFER	150	6	3000 PSI	RF WAFER	APV	DUAL FLAP NACE	F6A	316+VITON SEAT INC SPR	1
CHECK WAFER	150	6	3000 PSI	RF WAFER	GOODWIN	DUAL FLAP (7 1/16")	LF2	316+VITON SEAT INC SPR	1
CHECK WAFER	150	6	PN40	RF WAFER	SUPERCHECK	AXIAL DISC NSSLSC (SPRUNG DISC)	WCB	304+METAL SEAT 316 SPR	1
CHECK WAFER	200	8	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+EPDM SEAT 316 SPR	10
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+316 SEAT 316 SPR	2
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+VITON GLT SEAT INC SPR	4
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8	304+VITON INC SPR	1
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP	CF8M	316+METAL SEAT INC SPR	1
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB/LCB DUAL)	LCC	316+NEOP SEAT 316 SPR	4
CHECK WAFER	200	8	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP (WCB/LCB DUAL)	LCC	316+VITGLT SEAT INC SPR	2
CHECK WAFER	200	8	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	2
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	AXIAL DISC NCSLSC (SPRUNG DISC)	WCB	316+BUNA SEAT 316 SPR	1
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+METAL SEAT INC SPR	6
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+VITON SEAT INC SPR	6
CHECK WAFER	200	8	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP (WCB DUAL)	WCC	316+NBR SEAT INC SPR	1
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+EPDM SEAT INC SPR	1
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+VITON GLT SEAT INC SPR	1
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+VITON GLT SEAT 304 SPR	1
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8M	316+316 SEAT INC SPR	7
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB/LCB DUAL)	LCC	316+NBR SEAT 316 SPR	1
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	5

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK WAFER	200	8	300 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+HFS INC SPR	3
CHECK WAFER	200	8	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	6
CHECK WAFER	200	8	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+HFS SEAT INC SPR	2
CHECK WAFER	200	8	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	5
CHECK WAFER	200	8	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	4
CHECK WAFER	200	8	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HF INC SPR	3
CHECK WAFER	200	8	900 CL.	RF WAFER	APV	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	2
CHECK WAFER	200	8	1500 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+VITON SEAT INC SPR	1
CHECK WAFER	200	8	1500 CL.	RF WAFER	APV	DUAL FLAP NACE	LF2	316+HF INC SPR	2
CHECK WAFER	200	8	2500 CL.	RF WAFER	APV	DUAL FLAP NACE	LF2	316+HF INC SPR	1
CHECK WAFER	200	8	PN16	FF WAFER	RITAG	AXIAL DISC SR.12.16 (SPRUNG DISC)	BRZ	316L+BUNA SEAT 316SP	1
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES (CF8MDUAL)	CF3M	316+316 SEAT INC SPR	4
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+METAL INC SPR	1
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+EPDM SEAT 316 SPR	1
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP SP 2024	CF8M	316+PTFE SEAT 316 SPR	1
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB/LCB DUAL)	LCC	316+HNBR SEAT INC SPR	2
CHECK WAFER	250	10	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	2
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	2
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP LP NACE	WCB	316+VITON SEAT INC SPR	1
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+13CR SEAT INC SPR	3
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES (WCB DUAL)	WCC	316+NBR SEAT INC SPR	4
CHECK WAFER	250	10	150 CL.	RF WAFER	SUPERCHECK	UNI FLAP 1P NACE (WCB DUAL)	WCC	316+METAL SEAT INC SPR	1
CHECK WAFER	250	10	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (CF8M DUAL)	CF3M	316+316 SEAT INC SPR	1
CHECK WAFER	250	10	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	CF8	304+VITON GLT INC SPR	1
CHECK WAFER	250	10	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB/LCB DUAL)	LCC	316+ST#6 SEAT INC SPR	2
CHECK WAFER	250	10	300 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS SEAT INC SPR	3
CHECK WAFER	250	10	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	5
CHECK WAFER	250	10	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	2
CHECK WAFER	250	10	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	5
CHECK WAFER	250	10	600 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	4
CHECK WAFER	250	10	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	13CR+VITON SEAT INC SPR	4
CHECK WAFER	250	10	900 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+HF INC SPR	3
CHECK WAFER	250	10	900 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+VITON SEAT INC SPR	2
CHECK WAFER	250	10	1500 CL.	RF WAFER	APV	DUAL FLAP NACE	LF2	316+VIT GLT SEAT INC SPR	1
CHECK WAFER	250	10	1500 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	LF2	316+HF INC SPR	1
CHECK WAFER	250	10	2500 CL.	RF WAFER	APV	DUAL FLAP NACE	LCB	316+HF INC SPR	1
CHECK WAFER	300	12	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	AL-BRZ+BUNA SEAT 316 SPR	7
CHECK WAFER	300	12	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+BUNA SEAT INC SPR	1
CHECK WAFER	300	12	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8M	316+316 SEAT INC SPR	3
CHECK WAFER	300	12	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	4
CHECK WAFER	300	12	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+NBR SEAT INC SPR	6
CHECK WAFER	300	12	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	1
CHECK WAFER	300	12	300 CL.	RF WAFER	GOODWIN	DUAL FLAP NACE	A105	410+VITON SEAT INC SPR	1
CHECK WAFER	300	12	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	CF8M	316+HFS INC SPR	2
CHECK WAFER	300	12	300 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	1
CHECK WAFER	300	12	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+VITON SEAT INC SPR	1
CHECK WAFER	300	12	600 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HF INC SPR	4
CHECK WAFER	300	12	900 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+HF INC SPR	3
CHECK WAFER	300	12	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+BUNA SEAT 316 SPR	10
CHECK WAFER	350	14	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+VITON SEAT 316 SPR	4
CHECK WAFER	350	14	150 CL.	RF WAFER	RITAG (ITT)	DUAL FLAP FT/C	CF10C	316+METAL SEAT INC SPR	3
CHECK WAFER	350	14	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (CF8M DUAL)	CF3M	316+HFS SEAT INC SPR	2
CHECK WAFER	350	14	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8	304+304 SEAT 304 SPR	1
CHECK WAFER	350	14	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	CF8M	316+VITON GLY SEAT INC SPR	2
CHECK WAFER	350	14	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	1
CHECK WAFER	350	14	150 CL.	RF LUGGED	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+HFS INC SPR	1
CHECK WAFER	350	14	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+316 SEAT INC SPR	1
CHECK WAFER	350	14	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	1
CHECK WAFER	350	14	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+BUNA SEAT INC SPR	2
CHECK WAFER	350	14	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	304+VITON SEAT INC SPR	1
CHECK WAFER	350	14	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316-316 SEAT INC SPR	1
CHECK WAFER	350	14	900 CL.	RF LUGGED	APV	DUAL FLAP NACE	WCC	316+HF SEAT INC SPR	2
CHECK WAFER	350	14	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+NBR SEAT 316 SPR	3
CHECK WAFER	350	14	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	316+EPDM SEAT 316 SPR	9
CHECK WAFER	400	16	125 CL.	FF WAFER	SUPERCHECK	DUAL FLA FBE	CI	304+NBR SEAT 316 SPR	4
CHECK WAFER	400	16	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+EPDM SEAT 316 SPR	3
CHECK WAFER	400	16	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP	CF8M	316+HFS INC SPR	2
CHECK WAFER	400	16	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+VITON SEAT INC SPR	2
CHECK WAFER	400	16	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+HFS INC SPR	2
CHECK WAFER	400	16	300 CL.	RF WAFER	GOODWIN	DUAL FLAP	DUPLEX	FERRALIUM+METAL SEAT INC	1
CHECK WAFER	400	16	300 CL.	RF WAFER	GOODWIN	DUAL FLAP	WCB	316+316 SEAT INC SPR	2
CHECK WAFER	400	16	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE AGW SERIES	WCB	316+VITON SEAT INC SPR	2

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK WAFER	400	16	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	316+HFS SEAT INC SPR	1
CHECK WAFER	400	16	900 CL.	RF WAFER	APV	DUAL FLAP NACE	A105N	316+HF INC SPR	1
CHECK WAFER	400	16	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	316+EPDM SEAT 316 SPR	6
CHECK WAFER	400	16	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+NBR SEAT 316 SPR	3
CHECK WAFER	450	18	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+NBR SEAT 316 SPR	3
CHECK WAFER	450	18	150 CL.	RF WAFER	APV	DUAL FLAP NACE	WCB	316+HFS INC SPR	4
CHECK WAFER	450	18	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	5
CHECK WAFER	450	18	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+NBR SEAT INC SPR	1
CHECK WAFER	450	18	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+HFS INC SPR	1
CHECK WAFER	450	18	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCB	410+VITON SEAT INC SPR	1
CHECK WAFER	450	18	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP 0450ASBGE12HAPN44-4 FBE	CI	316+EPDM SEAT 316 SPR	4
CHECK WAFER	450	18	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP 0450ASBGE12HAPN44-4 FBE	CI	316+NBR SEAT 316 SPR	5
CHECK WAFER	500	20	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE AGW SERIES	CI	304+NBR SEAT 316 SPR	2
CHECK WAFER	500	20	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE	WCB	304+316 SEAT INC SPR	1
CHECK WAFER	500	20	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 0500ASG15SMF94	WCB	316+NBR SEAT	1
CHECK WAFER	500	20	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	1
CHECK WAFER	500	20	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+BUNA SEAT INC SPR	2
CHECK WAFER	500	20	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP (WCB DUAL)	WCC	316+VITON SEAT INC SPR	1
CHECK WAFER	500	20	900 CL.	RF WAFER	SUPERCHECK	DUAL FLAP NACE (WCB DUAL)	WCC	410/WCB+VITON SEAT INC SPR	2
CHECK WAFER	500	20	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	316+EPDM SEAT 316 SPR	2
CHECK WAFER	500	20	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+NBR SEAT 316 SPR	1
CHECK WAFER	600	24	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	304+BUNA SEAT 316 SPR	3
CHECK WAFER	600	24	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	316+VITON SEAT INC SPR	1
CHECK WAFER	600	24	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	CI	316+EPDM SEAT 316 SPR	3
CHECK WAFER	750	30	125 CL.	FF WAFER	SUPERCHECK	DUAL FLAP FBE	DI	304+NBR SEAT 316 SPR	2
CHECK WAFER	750	30	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP AGW SERIES	WCB	410+VITON SEAT INC SPR	1
CHECK WAFER	750	30	TABLE E	FF WAFER	SUPERCHECK	DUAL FLAP FBE	DI	410+NBR 316 SPR	2
CHECK WAFER	900	36	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 3 WEEKS SUB AGW SERIES	WCB	316+HFS/VITON ASS	3
CHECK WAFER	1000	40	150 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 3 WEEKS SUB AGW SERIES	WCB	316+HFS/VITON ASS	2
CHECK WAFER	1000	40	300 CL.	RF WAFER	SUPERCHECK	DUAL FLAP 3 WEEKS SUB AGW SERIES	WCB	316+HFS/VITON ASS	2
CONTROL	25	1	600 CL.	RF	FISHER	GLOBE SR 667 SIZE 40 DIAPH	WCB	316	1
CONTROL	25	1	600 CL.	RF	FISHER	GLOBE SR 357 SIZE 40 DIAPH	WCC	316	4
CONTROL	50	2	150 CL.	RF	HONEYWELL	GLOBE SR PN 800-12 DIAPH	316	316	1
CONTROL	50	2	300 CL.	RF	FISHER	GLOBE SR EZ667 DIAPH	WCB	316	1
CONTROL	50	2	1500 CL.	RTJ	VALTEK	GLOBE SR RA MAN O/RIDE PISTON	A105	316	1
CONTROL	100	4	TABLE H	RF	MOTOYAMA	GLOBE SR DIAPH	CI	SUS 27	1
CONTROL	150	6	150 CL.	RF	HONEYWELL	GLOBE SR PISTON	316	316	1
CONTROL	200	8	600 CL.	LUGGED	FISHER	BUTTERFLY HP 1052 SIZE 40 DIAPH	CS	316/PTFE	1
CONTROL	250	10	150 CL.	RF	FISHER	GLOBE EWT 667-4 SIZE 70 DIAPH	WCC	316	2
CONTROL	250	10	300 CL.	WAFER	FISHER	VEE BALL 1052/V100/3610J SIZE 70 DIAPH	WCB	316/17-4PH	5
CONTROL	250	10	300 CL.	BW	FISHER	GLOBE EWT 667-4 SIZE 70 DIAPH	WCC	316	2
CONTROL	300	12	600 CL.	WAFER	FISHER	HI BALL 476U-8-V25 476D SIZE 60 DIAPH	WCB	316/DELTRIN	2
CONTROL	350	14	300 CL.	RF	MASONEILAN	GLOBE CAMFLEX 70-35212 PISTON	CS	316 HF PLUG	1
DIAPHRAGM	15	1/2	TABLE E	FF	SAUNDERS	A15 WEIR HW	CI	Q DIAPHRAGM	56
DIAPHRAGM	20	3/4	TABLE H	RF	SAUNDERS	A20 WEIR HW	DI	PP DIAPHRAGM HRL LINING	3
DIAPHRAGM	25	1	125	FF	SAUNDERS	A25 WEIR S/R ACTUATOR ES62	CI	PTFE DIAPHRAGM HRL LINING	1
DIAPHRAGM	25	1	145	SOLV	FIP	EC WEIR S/R ACTUATOR PP	PVC	EPDM DIAPHRAGM	14
DIAPHRAGM	25	1	TABLE E	FF	SAUNDERS	A25 WEIR S/R ACTUATOR	316	PTFE + 300 DIAPHRAGM	7
DIAPHRAGM	25	1	TABLE E	FF	FLOWTURN	F-A25 WEIR S/R ACTUATOR	CI	BUNA DIAPHRAGM	1
DIAPHRAGM	25	1	TABLE E	FF	SAUNDERS	A25 WEIR HW	CI	B/PTFE DIAPH GLASS LINED	12
DIAPHRAGM	25	1	TABLE E	FF	SAUNDERS	A25 WEIR HW	CI	PTFE + 300 DIAPH GLASS LINED	2
DIAPHRAGM	25	1	TABLE E	FF	SAUNDERS	F-A25 WEIR HW	CI	PTFE DIAPHRAGM GLASS LINING	6
DIAPHRAGM	25	1	TABLE E	FF	SAUNDERS	KB STRT THRU HW	CI	Q DIAPHRAGM HRL LINING	46
DIAPHRAGM	32	1 1/4	200 PSI	BSP	SAUNDERS	A32 WEIR HW	BRZ	Q DIAPHRAGM	32
DIAPHRAGM	32	1 1/4	TABLE F	RF	FLOWTURN	F-A32 WEIR HW	DI	Q DIAPHRAGM HRL LINING	2
DIAPHRAGM	40	1/2	100 PSI	SOLV	FIP	EC WEIR S/R ACTUATOR	PVDF	PTFE DIAPHRAGM	2
DIAPHRAGM	40	1 1/2	125 CL.	FF	FLOWTURN	WEIR HW	CI	PTFE DIAPH PORCELAIN LINED	9
DIAPHRAGM	40	1 1/2	PN16	RF	SAUNDERS	A40 WEIR HW	DI	B DIAPHRAGM HRL LINING	72
DIAPHRAGM	40	1 1/2	TABLE E	FF	FLOWTURN	F-A40 WEIR HW	CI	B DIAPHRAGM HRL LINING	8
DIAPHRAGM	40	1 1/2	TABLE E	FF	SAUNDERS	A40 WEIR HW	CI	B DIAPHRAGM GLASS LINING	12
DIAPHRAGM	40	1 1/2	TABLE F	RF	SAUNDERS	A40 WEIR HW	DI	HT DIAPHRAGM	42
DIAPHRAGM	40	1 1/2	TABLE F	RF	SAUNDERS	A40 WEIR HW	DI	B DIAPHRAGM HRL LINING	28
DIAPHRAGM	50	2	100 PSI	SOLV	FIP	WEIR HW	PVC	EPDM DIAPHRAGM	2
DIAPHRAGM	50	2	125 CL.	FF	NDV	A50 WEIR HRL D/A ACTUATOR	CI	BC DIAPHRAGM	1
DIAPHRAGM	50	2	125 CL.	FF	SAUNDERS	A50 WEIR HW	CI	B DIAPHRAGM PP LINING	1
DIAPHRAGM	50	2	145 PSI	SOLV	FIP	EC WEIR S/R ACTUATOR	PVDF	EPDM/PTFE DIAPHRAGM	4
DIAPHRAGM	50	2	200 PSI	BSP	FLOWTURN	F-A50 WEIR HW	BRZ	Q DIAPHRAGM	3
DIAPHRAGM	50	2	200 PSI	BSP	SAUNDERS	A50 WEIR HW	SGI	Q DIAPHRAGM	75
DIAPHRAGM	50	2	PN16	RF	SAUNDERS	F-A50 WEIR HW	SGI	HT DIAPHRAGM	6
DIAPHRAGM	50	2	TABLE D	FF	FLOWTURN	F-A50 WEIR D/A ACTUATOR	CI	B DIAPHRAGM	1
DIAPHRAGM	50	2	TABLE D	FF	FLOWTURN	F-A50 WEIR HW	CI	B DIAPHRAGM HRL LINING	3

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
DIAPHRAGM	50	2	TABLE D	FF	SAUNDERS	A50 WEIR HW	CI	PTFE DIAPHRAGM GLASS LINING	3
DIAPHRAGM	50	2	TABLE D	FF	SAUNDERS	A50 WEIR HW S/R <b>ACTUATOR</b> ES69	CI	PTFE+300 DIAPH GLASS LINED	1
DIAPHRAGM	50	2	TABLE F	RF	SAUNDERS	F-A50 WEIR HW	SGI	HT DIAPHRAGM	6
DIAPHRAGM	65	2 1/2	200 PSI	BSP	SAUNDERS	A65 WEIR HW	<b>BRZ</b>	Q DIAPHRAGM	38
DIAPHRAGM	65	2 1/2	200 PSI	BSP	SAUNDERS	KB65 STRT THRU HW	SGI	Q DIAPHRAGM	44
DIAPHRAGM	65	2 1/2	TABLE D	FF	SAUNDERS	A65 WEIR HW	CI	Q/B DIAPHRAGM HRL LINING	2
DIAPHRAGM	80	3	PN16	RF	SAUNDERS	A80 WEIR HW	CI	B DIAPHRAGM HRL LINING	3
DIAPHRAGM	80	3	PN16	RF	FLOWTURN	F-A80 WEIR HW	SGI	HT DIAPHRAGM	2
DIAPHRAGM	80	3	TABLE D	FF	FLOWTURN	F-A80 WEIR HW	CI	B DIAPHRAGM SRL LINING	2
DIAPHRAGM	80	3	TABLE D	FF	FLOWTURN	F-A80 WEIR S/R <b>ACTUATOR</b>	CI	NR DIAPHRAGM	1
DIAPHRAGM	80	3	TABLE D	FF	SAUNDERS	A80 WEIR HW	CI	B DIAPHRAGM HRL LINING	22
DIAPHRAGM	80	3	TABLE D	FF	SAUNDERS	A80 WEIR HW <b>G</b>	CI	VITON 226 + PTFE DIAPH GLASS LINED	3
DIAPHRAGM	80	3	TABLE D	FF	SAUNDERS	KA80 FULL BORE HW	CI	Q/B DIAPHRAGM HALAR LINING	6
DIAPHRAGM	80	3	TABLE F	RF	SAUNDERS	A80 WEIR HW	CI	B DIAPHRAGM HRL LINING	3
DIAPHRAGM	80	3	TABLE F	RF	FLOWTURN	F-A80 WEIR HW	SGI	HT DIAPHRAGM	2
DIAPHRAGM	100	4	125 CL.	UNDRILLFF	FLOWTURN	F-KB100 STRT THRU HW	CI	B DIAPHRAGM	2
DIAPHRAGM	100	4	125 CL.	FF	SAUNDERS	A100 WEIR S/R <b>ACTUATOR</b> ES64	CI	Q DIAPHRAGM	2
DIAPHRAGM	100	4	125 CL.	FF	SAUNDERS	A100 WEIR HW	SGI	226 VITON DIAPH EURETHANE LINED	1
DIAPHRAGM	100	4	TABLE D	FF	FLOWTURN	F-A100 WEIR HW	<b>BRZ</b>	B/Q DIAPHRAGM	1
DIAPHRAGM	100	4	TABLE D	FF	FLOWTURN	F-KB STRT THRU HW	CI	B DIAPHRAGM HRL LINING	5
DIAPHRAGM	100	4	TABLE D	FF	SAUNDERS	A100 WEIR HW	CI	B/Q DIAPHRAGM HRL LINING	11
DIAPHRAGM	100	4	TABLE E	FF	SAUNDERS	KB100 STRT THRU HW	CI	PTFE/VITON DIAPH GLASS LINED	1
DIAPHRAGM	125	5	125 CL.	FF	SAUNDERS	A125 WEIR HW	CI	B/Q DIAPHRAGM	1
DIAPHRAGM	125	5	TABLE D	FF	FLOWTURN	F-KB125 STRT THRU HW	CI	B/Q DIAPHRAGM	4
DIAPHRAGM	125	5	TABLE D	FF	SAUNDERS	A125 WEIR HW	CI	B DIAPHRAGM HRL LINING	3
DIAPHRAGM	125	5	TABLE D	FF	SAUNDERS	KB125 STRT THRU HW	CI	A DIAPHRAGM HRL LINING	2
DIAPHRAGM	150	6	125	RF	SAUNDERS	A150 WEIR HW	SGI	HT/Q DIAPHRAGM	44
DIAPHRAGM	150	6	PN16	FF	FLOWTURN	F-A150 WEIR	CI	Q/B DIAPHRAGM EPDM LINING	10
DIAPHRAGM	150	6	PN16	RF	SAUNDERS	A150 WEIR HW	SGI	HT/Q DIAPHRAGM	46
DIAPHRAGM	150	6	TABLE D	FF	FLOWTURN	F-KB150 STRT THRU HW	CI	B DIAPHRAGM SRL LINING	1
DIAPHRAGM	150	6	TABLE D	FF	SAUNDERS	A150 WEIR D/A <b>ACTUATOR</b>	CI	226 DIAPHRAGM HRL LINING	2
DIAPHRAGM	150	6	TABLE D	FF	SAUNDERS	KB150 STRT THRU HW	CI	B DIAPHRAGM HRL LINING	2
DIAPHRAGM	200	8	125 CL.	UNDRILLFF	FLOWTURN	F-A200 WEIR HW	CI	PTFE/VITON DIAPH GLASS LINED	1
DIAPHRAGM	200	8	125 CL.	UNDRILLFF	SAUNDERS	KB200 STRT THRU HW	CI	B DIAPHRAGM	1
DIAPHRAGM	200	8	TABLE D	FF	SAUNDERS	A200 WEIR HW	CI	B DIAPHRAGM	2
DIAPHRAGM	200	8	TABLE D	FF	SAUNDERS	KB200 STRT THRU HW	CI	B/Q DIAPHRAGM	1
DIAPHRAGM	200	8	TABLE E	UNDRILLFF	FLOWTURN	F-KB200 STRT THRU HW	CI	B DIAPHRAGM	1
DIAPHRAGM	250	10	TABLE D	FF	NDV	A250 WEIR HW	CI	NR DIAPHRAGM SRL LINING	1
DIAPHRAGM	250	10	TABLE D	FF	SAUNDERS	A250 WEIR HW	CI	Q DIAPHRAGM	1
DIAPHRAGM	250	10	TABLE D	FF	SAUNDERS	KB250 STRT THRU HW	CI	B/Q DIAPHRAGM	1
GATE	15	1/2	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	<b>316</b>	316	14
GATE	15	1/2	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	A105N	316	50
GATE	15	1/2	150 CL.	RFSF	HH	RB BBOSY HW SOL INTEG	A105N	MONEL	5
GATE	15	1/2	150 CL.	RFSF	SHIPHAM	FB BBOSY HW SOL INTEG	<b>BRZ</b>	BRONZE	29
GATE	15	1/2	150 CL.	RFSF	OMB	RB BBOSY HW SOL INTEG	<b>F11</b>	13CR+HF	4
GATE	15	1/2	150 CL.	RFSF	OMB	RB BBOSY HW SOL INTEG	<b>F5</b>	13CR+HF	14
GATE	15	1/2	150 CL.	RFSF	OMB	RB BBOSY HW SOL INTEG NACE	<b>LF2</b>	316+HFS	21
GATE	15	1/2	300 CL.	RFSF	PETROL VALVE	FB BBOSY HW SOL INTEG <b>EXT STEM</b> CRYO	<b>304</b>	304+HF	3
GATE	15	1/2	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	<b>316</b>	316+HF	38
GATE	15	1/2	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	A105N	316+HFS	20
GATE	15	1/2	300 CL.	RFSF	APV	RB BBOSY HW SOL NACE	A105N	13CR+HF	70
GATE	15	1/2	300 CL.	RFSF	OMB	RB WBOSY HW SOL INTEG NACE EVSP PKG	A105N	13CR+HF	10
GATE	15	1/2	300 CL.	RFSF	APV	FB BBOSY HW SOL INTEG <b>EXT STEM</b> CRYO	<b>CF8M</b>	316	8
GATE	15	1/2	300 CL.	RFSF	OMB	RB BBOSY HW SOL INTEG NACE	<b>F11</b>	13CR+HF	21
GATE	15	1/2	300 CL.	RFSF	APV	FB BBOSY HW SOL INTEG <b>EXT STEM</b>	<b>LF2</b>	316+HF	6
GATE	15	1/2	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	<b>316</b>	316+HFS	9
GATE	15	1/2	600 CL.	RFSF	BONNEY FORGE	RB BBOSY HW SOL INTEG NACE 316 DUAL	<b>316/L</b>	316/L+HFS FEP	5
GATE	15	1/2	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	A105N	13CR+HF	24
GATE	15	1/2	600 CL.	BW80	APV	RB BBOSY HW SOL INTEG	<b>F11</b>	316+HFS	6
GATE	15	1/2	600 CL.	RTJUC	OMB	RB BBOSY HW SOL INTEG NACE	<b>F5</b>	13CR+HF	2
GATE	15	1/2	600 CL.	RFSF	BONNEY FORGE	RB BBOSY HW SOL INTEG NACE	<b>LF2</b>	13CR+MONEL FEP	3
GATE	15	1/2	800 CL.	BSP	APV	RB BBOSY HW SOL DUAL 304	<b>304L</b>	304L+HFS	10
GATE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW SOL DUAL 304	<b>304L</b>	304L+HFS	10
GATE	15	1/2	800 CL.	NPT	APV	RB WBOSY HW SOL DUAL 304	<b>304L</b>	304L+HFS	6
GATE	15	1/2	800 CL.	NPT	APV	FB BBOSY HW SOL NACE	<b>316/L</b>	316+HFS	12
GATE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW SOL NACE DUAL 316	<b>316/L</b>	316+HFS	100
GATE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HF	480
GATE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HFS	140
GATE	15	1/2	800 CL.	NPT	APV	RB WBOSY HW SOL <b>BELLOW SEALED</b>	A105N	316+HF	12
GATE	15	1/2	800 CL.	SW	APV	RB WBOSY HW SOL NACE	A105N	316+HFS	60
GATE	15	1/2	800 CL.	SWXNPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HFS	170



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	15	1/2	800 CL.	NPT	APV	RB WBOSY HW SOL	F11	13CR+HF	21
GATE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW SOL	F5	13CR+HFS	4
GATE	15	1/2	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW SOL INTEG	F51	F51+HFS FEP	12
GATE	15	1/2	800 CL.	BW80	APV	RB BBOSY HW SOL DUAL A105	LF2	316+HFS	20
GATE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	LF2	316+HF	60
GATE	15	1/2	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW SOL NACE	LF2	316+HF FEP	60
GATE	15	1/2	1500 CL.	RTJUC	APV	SB BBOSY HW SOL INTEG	316	316+HFS	5
GATE	15	1/2	1500 CL.	RTJUC	JC	SB BBOSY HW SOL NACE INTEG	316	316+HFS	9
GATE	15	1/2	1500 CL.	NPT	APV	SB BBOSY HW SOL DUAL 304	304/L	304L+HF	6
GATE	15	1/2	1500 CL.	NPT	APV	SB WBOSY HW SOL	304/L	304+HFS	4
GATE	15	1/2	1500 CL.	NPT	BONNEY FORGE	FB BBOSY HW SOL NACE DUAL 316	316/L	316+HFS FEP	14
GATE	15	1/2	1500 CL.	NPT	APV	SB BBOSY HW SOL NACE	A105N	13CR+HFS	40
GATE	15	1/2	1500 CL.	RFSF	APV	SB BBOSY HW SOL NACE	A105N	13CR+HF	40
GATE	15	1/2	1500 CL.	RTJ	APV	SB PSBOSY HW SOL INTEG	A105N	316+HF	8
GATE	15	1/2	1500 CL.	RTJUC	APV	FB BBOSY HW SOL INTEG	A105N	316+HF	39
GATE	15	1/2	1500 CL.	BW160	STEAMCO	FB BBOSY HW PSV	A105N	13CR+HF	4
GATE	15	1/2	1500 CL.	NPT	APV	SB BBOSY HW SOL	F11	13CR+HFS	10
GATE	15	1/2	1500 CL.	NPT	APV	SB WBOSY HW SOL	F11	13CR+HF	8
GATE	15	1/2	1500 CL.	BW80	JC	SB BBOSY HW SOL INTEG	F11	13CR+HF	8
GATE	15	1/2	1500 CL.	BW160	APV	FB BBOSY HW PSV	F22	13CR+HF	1
GATE	15	1/2	1500 CL.	BW160	APV	SB BBOSY HW SOL	F22	13CR+HF	3
GATE	15	1/2	1500 CL.	NPT	APV	SB WBOSY HW SOL NACE	F22	13CR+HFS	5
GATE	15	1/2	1500 CL.	BW80	APV	SB BBOSY HW SOL INTEG NACE	LF2	316+HF	10
GATE	15	1/2	1500 CL.	NPT	APV	SB BBOSY HW SOL NACE DUAL A105	LF2	316+HF	18
GATE	15	1/2	1500 CL.	RFSF	APV	FB BBOSY HW SOL INTEG NACE	LF2	13CR+HF	19
GATE	15	1/2	2500 CL.	BW160	HP	FB WBOSY HW SOL	316	316+HF	1
GATE	15	1/2	2500 CL.	NPT	APV	SB BBOSY HW SOL NACE	A105N	13CR+HF	10
GATE	15	1/2	2500 CL.	RTJUC	APV	FB BBOSY HW SOL INTEG NACE	A105N	13CR+HF	5
GATE	15	1/2	2500 CL.	BWXXS	APV	SB PSBOSY SOL	F22	316+HF	2
GATE	15	1/2	TABLE K	FF	STEAMCO	FB BBOSY HW PARALLEL SLIDE INTEG	C/S	316+HFS	K
GATE	20	3/4	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	316	316+HFS	14
GATE	20	3/4	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	A105N	316+HFS	35
GATE	20	3/4	150 CL.	RFSF	APV	FB BBOSY HW SOL	CF8	304+HF	8
GATE	20	3/4	150 CL.	RFSF	OMB	RB BBOSY HW SOL INTEG	F11	13CR+HFS	9
GATE	20	3/4	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	F9	13CR+HFS	1
GATE	20	3/4	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	MONEL	MONEL	1
GATE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	316	316	10
GATE	20	3/4	300 CL.	UNDRILLRF	STEAMCO	RB BBOSY HW PSV	A105	13CR+HF	3
GATE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW SOL NACE	A105N	F6+MONEL	2
GATE	20	3/4	300 CL.	RFSF	BONNEY FORGE	SB BBOSY HW SOL INTEG	A105N	13CR+HFS FEP	19
GATE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	F11	13CR+HFS	3
GATE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW SOL	F51	F51+HFS	3
GATE	20	3/4	600 CL.	RTJUC	APV	FB BBOSY HW SOL INTEG NACE	316	13CR+HF	12
GATE	20	3/4	600 CL.	UNDRILLRF	STEAMCO	RB BBOSY HW PSV	A105	13CR+HF	3
GATE	20	3/4	600 CL.	BW80	APV	RB BBOSY HW SOL INTEG NACE	A105N	13CR+HF	4
GATE	20	3/4	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	A105N	13CR+HFS	44
GATE	20	3/4	600 CL.	BW80	APV	RB BBOSY HW SOL INTEG	F11	316+HFS	1
GATE	20	3/4	600 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	F11	13CR+HF	1
GATE	20	3/4	600 CL.	RFSF/RJ	APV	RB BBOSY HW SOL INTEG	F5	13CR+HFS	3
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL NACE DUAL 304	304/L	304+HFS	12
GATE	20	3/4	800 CL.	BSP	APV	RB BBOSY HW SOL	304L	304L+HFS	10
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL	304L	304L+HFS	10
GATE	20	3/4	800 CL.	BW80	APV	RB BBOSY HW SOL NACE	316/L	316+HFS	7
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	316/L	316	90
GATE	20	3/4	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW SOL NACE DUAL 316	316/L	316+HFS FEP	40
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL	A105N	13CR+HFS	200
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HF	79
GATE	20	3/4	800 CL.	NPT	JC	RB BBOSY HW SOL NACE	A105N	13CR+HFS	200
GATE	20	3/4	800 CL.	BSP	APV	RB BBOSY HW SOL	A105N	13CR+HFS	100
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL	F11	13CR+HF	14
GATE	20	3/4	800 CL.	NPT	APV	FB BBOSY HW SOL	F5	13CR+HF	8
GATE	20	3/4	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW SOL INTEG	F51	F51+HFS FEP	17
GATE	20	3/4	800 CL.	BW80	APV	RB BBOSY HW SOL DUAL A105	LF2	316+HFS	15
GATE	20	3/4	800 CL.	BW80	APV	RB BBOSY HW SOL DUAL A105	LF2	316+HFS	15
GATE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	LF2	316+HFS	80
GATE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW SOL 304 DUAL	304/L	304L+HF	6
GATE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW SOL DUAL 316	316/L	316+HFS	20
GATE	20	3/4	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW SOL DUAL 316	316/L	316+HFS FEP	14
GATE	20	3/4	1500 CL.	RTJUC	BONNEY FORGE	FB BBOSY HW SOL INTEG NACE	316/L	316+HFS FEP	11
GATE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW SOL	A105N	13CR+HF	130
GATE	20	3/4	1500 CL.	RTJ	APV	SB BBOSY HW SOL INTEG NACE	A105N	13CR+HF	10

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	20	3/4	1500 CL.	BWXXS	APV STEAMCO	FB BBOSY HW PARALLEL SLIDE	A105N	13CR+HF	10
GATE	20	3/4	1500 CL.	NPT	JC	SB BBOSY HW SOL	A105N	13CR+HF	70
GATE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW SOL	F11	13CR+HF	5
GATE	20	3/4	1500 CL.	NPT	APV	SB WBOSY HW SOL	F11	13CR+HF	8
GATE	20	3/4	1500 CL.	RTJUC	BONNEY FORGE	SB BBOSY HW SOL INTEG	F11	13CR+HF FEP	2
GATE	20	3/4	1500 CL.	BW80	APV	FB PSBOSY HW SOL	F22	13CR+HF	28
GATE	20	3/4	1500 CL.	BW80	APV	SB BBOSY HW SOL INTEG	F22	13CR+HF	8
GATE	20	3/4	1500 CL.	NPT	APV	SB WBOSY HW SOL	F22	13CR+HF	3
GATE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW SOL	F22	13CR+HF	6
GATE	20	3/4	1500 CL.	SW	APV	SB WBOSY HW SOL INTEG	F22	13CR+HF	6
GATE	20	3/4	1500 CL.	BWXXS	APV STEAMCO	FB BBOSY HW PARALLEL SLIDE INTEG	F22	13CR+HF	1
GATE	20	3/4	1500 CL.	NPT	APV	SB WBOSY HW SOL	F5	13CR+HF	2
GATE	20	3/4	1500 CL.	RTJ	BFE	FB BBOSY HW SOL INTEG	F51	F51	7
GATE	20	3/4	1500 CL.	RTJUC	APV	RB BBOSY HW SOL INTEG	LF2	316+HF	10
GATE	20	3/4	1500 CL.	RTJUC	APV	SB BBOSY HW SOL INTEG	LF2	316+HF	10
GATE	20	3/4	1500 CL.	RTJUC	BONNEY FORGE	FB BBOSY HW SOL INTEG NACE	LF2	13CR+HF FEP	16
GATE	20	3/4	2500 CL.	BW160	APV	FB WBOSY HW SOL	316	316+HF	1
GATE	20	3/4	2500 CL.	NPT	APV	FB BBOSY HW SOL NACE	316	316+HF	6
GATE	20	3/4	2500 CL.	NPT	BONNEY FORGE	SB BBOSY HW SOL NACE	A105N	13CR+HF FEP	26
GATE	20	3/4	2500 CL.	NPT	BONNEY FORGE	FB BBOSY HW SOL NACE	LF2	13CR+HF FEP	6
GATE	20	3/4	2500 CL.	RTJ	BONNEY FORGE	FB BBOSY HW SOL NACE	LF2	316+HF FEP	2
GATE	20	3/4	TABLE H	FF	APV	SB BBOSY HW SOL INTEG	A105N	13CR+HFS	6
GATE	20	3/4	TABLE H	FF	SHIPHAM	FB BBOSY HW SOL INTEG	BRZ	BRONZE	17
GATE	20	3/4	TABLE H	FF	STEAMCO	FB BBOSY HW PARALLEL SLIDE	C/S	13CR+HF	10
GATE	20	3/4	TABLE K	RFSF	JOHNS	FB BBOSY HW PARALLEL SLIDE	C/S	13CR+HF	17
GATE	20	3/4	TABLE R	BW80	HOPKINSON	FB BBOSY HW PARALLEL SLIDE	C/S	PLATINUM	5
GATE	20	3/4	TABLE R	RFSF	HOPKINSON	FB BBOSY HW PARALLEL SLIDE	C/S	PLATINUM	5
GATE	20	3/4	TABLE S	UNDRILLRF	APV	FB BBOSY HW SOL	C/S	316+HF	4
GATE	20	3/4	TABLE S	RFSF	STEAMCO	FB BBOSY HW PARALLEL SLIDE	C/S	13CR+HF	1
GATE	20	3/4	TABLE T	BW160	HOPKINSON	FB BBOSY HW PARALLEL SLIDE	C/S	PLATINUM	4
GATE	20	3/4	TABLE T	RFSF	STEAMCO	FB BBOSY HW PARALLEL SLIDE	C/S	13CR+HF	5
GATE	25	1	125 PSI	NPT	MAXON	FP BBISY SLAB AIR OPERATED SR	DI	GAS SERV	3
GATE	25	1	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	316	316	14
GATE	25	1	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	A105N	13CR+HFS	38
GATE	25	1	150 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	A20	ALLOY 20	3
GATE	25	1	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG NACE	CF8	304	7
GATE	25	1	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	CF8M	316	20
GATE	25	1	150 CL.	RFSF	BONNEY FORGE	RB BBOSY HW SOL INTEG	F51	F51+HF FEP	2
GATE	25	1	150 CL.	RFSF	BONNEY FORGE	SB BBOSY HW FW INTEG	LF2	316+HF FEP	17
GATE	25	1	300 CL.	RFSF	BONNEY FORGE	FB BBOSY HW SOL INTEG NACE	316/L	316 FEP	22
GATE	25	1	300 CL.	RFSF	APV	FB BBOSY HW SOL INTEG NACE	A105N	13CR+HFS	30
GATE	25	1	300 CL.	UNDRILLRF	APV STEAMCO	RB BBOSY HW PSV (PARALLEL SLIDE)	A105N	13CR+HF	20
GATE	25	1	300 CL.	RFSF	TAKIMASAWI	FB BBOSY HW SOL INTEG EXT BONNET HT	CF8M	316+HF	3
GATE	25	1	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	F5	316+HF	5
GATE	25	1	600 CL.	RFSF	BELL	FB BBOSY HW SLAB (PSV) FERRALIUM	255	255+HF (DUPLEX)	5
GATE	25	1	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	316	316+HFS	12
GATE	25	1	600 CL.	RTJUC	BONNEY FORGE	RB BBOSY HW SOL INTEG	316/L	316+HFS FEP	16
GATE	25	1	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	A105N	13CR+HF	44
GATE	25	1	600 CL.	BW80	APV	RB BBOSY HW SOL	F11	316+HF	7
GATE	25	1	600 CL.	RTJUC	APV	RB BBOSY HW SOL INTEG NACE SOL	F11	13CR+HF	6
GATE	25	1	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	F5	13CR+HFS	6
GATE	25	1	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG NACE	LF2	13CR+HF	25
GATE	25	1	600 CL.	RTJUC	BONNEY FORGE	RB BBOSY HW SOL INTEG NACE SOL	LF2	316+HF FEP	34
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL DUAL 304	304/L	304+HFS	12
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL	304L	304L+HFS	10
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL	304L	304L+HFS	10
GATE	25	1	800 CL.	BSPT	APV	RB BBOSY HW SOL	316/L	316	8
GATE	25	1	800 CL.	BW80	APV	RB BBOSY HW NACE	316/L	316+HFS	5
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL DUAL 316	316/L	316+HFS	90
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL NACE DUAL 316	316/L	316+HFS	40
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW CRYO 300MM EXT STEM	316/L	316/L+HFS	2
GATE	25	1	800 CL.	BSP	APV	RB BBOSY HW SOL	A105N	13CR+HFS	50
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL	A105N	13CR+HFS	240
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HFS	680
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HFS	200
GATE	25	1	800 CL.	SW	APV	RB BBOSY HW SOL	A105N	13CR+HFS	190
GATE	25	1	800 CL.	SW	APV	RB WBOSY HW SOL	A105N	13CR+HFS	190
GATE	25	1	800 CL.	BW80	APV	RB BBOSY HW SOL	F11	13CR+HF	6
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	F11	13CR+HF	6
GATE	25	1	800 CL.	NPT	APV	RB WBOSY HW SOL	F22	13CR+HF	2
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL	F5	13CR+HFS	3

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	25	1	800 CL.	BW80	APV	RB BBOSY HW SOL DUAL A105	LF2	316+HFS	16
GATE	25	1	800 CL.	NPT	APV	RB BBOSY HW SOL NACE DUAL A105N	LF2	316+HF	100
GATE	25	1	800 CL.	BW80	APV STEAMCO	FB BBOSY HW PARALLEL SLIDE	WCB	13CR+HFS	8
GATE	25	1	900 CL.	RFSF	BONNEY FORGE	FB BBOSY HW SOL INTEG EXT BONNET	316	316 FEP	1
GATE	25	1	1500 CL.	SWXNPT	OMB	SB BBOSY HW SOL ESVP PKG	321	347+HFS	5
GATE	25	1	1500 CL.	NPT	BONNEY FORGE	FB BBOSY HW SOL DUAL 316	316/L	316/L FEP	20
GATE	25	1	1500 CL.	RTJUC	BONNEY FORGE	FB BBOSY HW SOL INTEG	316/L	316/L+HFS FEP	4
GATE	25	1	1500 CL.	NPT	APV	SB BBOSY HW SOL NACE	A105N	13CR+HF	60
GATE	25	1	1500 CL.	SW	APV	SB WBOSY HW SOL NACE	A105N	13CR+HF	110
GATE	25	1	1500 CL.	SWXNPT	APV	SB BBOSY HW SOL NACE	A105N	13CR+HF	120
GATE	25	1	1500 CL.	BW160	APV STEAMCO	FB BBOSY HW PARALLEL SLIDE	A105N	13CR+HF	6
GATE	25	1	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW SOL NACE	A105N	316+HF FEP	50
GATE	25	1	1500 CL.	BW40	HOPKINSON	FB BBOSY HW PARALLEL SLIDE	A105N	316	6
GATE	25	1	1500 CL.	BW160	APV	SB BBOSY HW SOL INTEG	F11	13CR+HF	2
GATE	25	1	1500 CL.	BW160	APV	SB BBOSY HW SOL NACE	F22	13CR+HF	5
GATE	25	1	1500 CL.	SW	APV	SB WBOSY HW SOL NACE	F22	13CR+HF	6
GATE	25	1	1500 CL.	NPT	APV	SB BBOSY HW SOL NACE	LF2	316+HFS	30
GATE	25	1	1500 CL.	NPT	APV	SB BBOSY HW SOL NACE	LF2	316+HF	30
GATE	25	1	1500 CL.	RTJUC	BONNEY FORGE	SB BBOSY HW SOL INTEG NACE	LF2	316+HF FEP	25
GATE	25	1	1500 CL.	RTJUC	BONNEY FORGE	SB BBOSY HW SOL INTEG NACE	LF2	13CR+HF FEP	10
GATE	25	1	2500 CL.	RFSF	LVF	FB BBOSY HW SOL INTEG NACE	316	316+HF	1
GATE	25	1	2500 CL.	BWXXS	APV	FB BBOSY HW SOL NACE	A105N	316+HF	3
GATE	25	1	2500 CL.	NPT	APV	SB BBOSY HW SOL NACE	A105N	13CR+HF	15
GATE	25	1	2500 CL.	NPT	BONNEY FORGE	SB BBOSY HW SOL NACE	A105N	13CR+HF FEP	6
GATE	25	1	2500 CL.	SW	APV	FB WBOSY HW SOL	F11	316+HFS	3
GATE	25	1	2500 CL.	RTJ	BONNEY FORGE	FB BBOSY HW SOL INTEG NACE	LF2	316+HF FEP	5
GATE	25	1	TABLE E	FF	FLOWTURN	FB BBOSY HW SOL	BRZ	BRONZE	E
GATE	25	1	TABLE H	UNDRILLFF	APV	FB SCBISY HW SOL	BRZ	BRONZE	5
GATE	25	1	TABLE J	UNDRILLRF	STEAMCO	FB BBOSY HW PARALLEL SLIDE	C/S	13CR+HF	4
GATE	25	1	TABLE S	UNDRILLRF	HOPKINSON	FB BB HW PARALLEL SLIDE UNIFLOW	C/S	13CR+HFS	4
GATE	32	1 1/4	150 CL.	RFSF	APV	SB BBOSY HW SOL	316	316	4
GATE	32	1 1/4	150 CL.	RFSF	APV	FB BBOSY HW SOL	A20	ALLOY 20	4
GATE	32	1 1/4	800 CL.	BSP	APV	RB BBOSY HW SOL	A105N	13CR+HFS	18
GATE	32	1 1/4	800 CL.	NPT	APV	RB BBOSY HW SOL	A105N	13CR+HFS	18
GATE	32	1 1/4	1500 CL.	BW80	APV STEAMCO	FB PSBOSY HW PARALLEL SLIDE	C/S	13CR+HFS	7
GATE	32	1 1/4	1500 CL.	BW160	HOPKINSON	FB BBOSY HW PARALLEL SLIDE	C/S	PLATINUM	8
GATE	32	1 1/4	TABLE R	RFSF	HOPKINSON	FB BBOSY HW PARALLEL SLIDE R&P	C/S	PLATINUM	1
GATE	40	1 1/2	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	CF8	304	6
GATE	40	1 1/2	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	CF8M	316	9
GATE	40	1 1/2	150 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	WCB	316+HFS	22
GATE	40	1 1/2	150 CL.	RFSF	BONNEY FORGE	RB BBOSY HW SOL INTEG	A105N	13CR+HFS	20
GATE	40	1 1/2	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	316	316	7
GATE	40	1 1/2	300 CL.	UNDRILLRF	APV	RB BBOSY HW SOL INTEG	316	316	5
GATE	40	1 1/2	300 CL.	UNDRILLRF	APV	RB BBOSY HW SOL INTEG NACE	316	316	5
GATE	40	1 1/2	300 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	A105N	13CR+HFS	46
GATE	40	1 1/2	300 CL.	RFSF	APV	FB BBOSY HW SOL INTEG NACE	CF8	304	4
GATE	40	1 1/2	300 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	CF8M	316	5
GATE	40	1 1/2	300 CL.	RFSF	BONNEY FORGE	RB BBOSY HW SOL INTEG	F9	13CR+HF FEP	1
GATE	40	1 1/2	600 CL.	RFSF	APV	RB BBOSY HW SOL INTEG	316	316	13
GATE	40	1 1/2	600 CL.	RFSF	BONNEY FORGE	RB BBOSY HW SOL INTEG 316 DUAL	316/L	316/L+HFS FEP	16
GATE	40	1 1/2	600 CL.	RTJUC	APV	RB BBOSY HW SOL INTEG	A105N	316+HF	16
GATE	40	1 1/2	600 CL.	BW80	APV	RB BBOSY HW SOL	F11	316+HF	1
GATE	40	1 1/2	600 CL.	RFSF	APV	FB BBOSY HW SOL INTEG	F5	13CR+HFS	5
GATE	40	1 1/2	600 CL.	RFSF	BONNEY FORGE	SB BBOSY HW SOL INTEG NACE	LF2	316+HF FEP	20
GATE	40	1 1/2	600 CL.	UNDRILLRF	STEAMCO	FB BBOSY HW PARALLEL SLIDE	WCB	13CR+HF	1
GATE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW SOL DUAL 304	304/L	304L+HFS	14
GATE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW SOL DUAL 316	316/L	316L	36
GATE	40	1 1/2	800 CL.	SW	APV	RB BBOSY HW SOL DUAL 316	316/L	316L	36
GATE	40	1 1/2	800 CL.	BSP	APV	RB BBOSY HW SOL	A105N	13CR+HFS	20
GATE	40	1 1/2	800 CL.	NPT	APV	FB WBOSY HW SOL NACE	A105N	316+HF	36
GATE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW SOL NACE	A105N	13CR+HFS	160
GATE	40	1 1/2	800 CL.	SW	APV	RB BBOSY HW SOL	A105N	13CR+HFS	150
GATE	40	1 1/2	800 CL.	SWXNPT	APV	RB BBOSY HW SOL	A105N	13CR+HFS	40
GATE	40	1 1/2	800 CL.	SWXNPT	APV	RB BBOSY HW SOL	A105N	13CR+HFS	100
GATE	40	1 1/2	800 CL.	BW80	APV	RB BBOSY HW SOL INTEG	F11	13CR+HF	3
GATE	40	1 1/2	800 CL.	NPT X SW	APV	RB WBOSY HW SOL	F11	13CR+HF	8
GATE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW SOL	F5	13CR+HFS	4
GATE	40	1 1/2	800 CL.	BW80	APV	RB BBOSY HW SOL DUAL A105	LF2	316+HFS	8
GATE	40	1 1/2	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW SOL	LF2	316+HF FEP	20
GATE	40	1 1/2	1500 CL.	RTJUC	BONNEY FORGE	FB BBOSY HW SOL INTEG NACE	316/L	316+HF	2
GATE	40	1 1/2	1500 CL.	NPT	APV	FB BBOSY HW SOL	316/L	316	3

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	40	1 1/2	1500 CL.	BW160	APV	FB BBOSY HW SOL	A105N	316+HF	3
GATE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW SOL	A105N	13CR+HF	20
GATE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW SOL	A105N	13CR+HF	19
GATE	40	1 1/2	1500 CL.	NPT	APV	SB WBOSY HW SOL	A105N	13CR+HF	46
GATE	40	1 1/2	1500 CL.	SW	HOPKINSON	SW BBOSY HW <b>PARALLEL SLIDE</b>	A105N	13CR+HFS	4
GATE	40	1 1/2	1500 CL.	SW	STEAMCO	SB BBOSY HW <b>PARALLEL SLIDE</b>	A105N	13CR+HFS	10
GATE	40	1 1/2	1500 CL.	BW160	APV	SB WBOSY HW SOL	<b>F11</b>	13CR+HF	2
GATE	40	1 1/2	1500 CL.	RTJUC	BONNEY FORGE	FB BBOSY HW SOL INTEG NACE	<b>LF2</b>	316+HF	12
GATE	40	1 1/2	1500 CL.	NPT	BONNEY FORGE	FB BBOSY HW SOL NACE	<b>LF2</b>	316+HFS	10
GATE	40	1 1/2	1500 CL.	UNDRILLRF	STEAMCO	FB PSBOSY HW <b>PARALLEL SLIDE</b>	<b>WC6</b>	13CR+HF	1
GATE	40	1 1/2	2500 CL.	SW	APV	FB BBOSY HW SOL	A105N	13CR+HF	30
GATE	40	1 1/2	2500 CL.	RFSF	BONNEY FORGE	FB BBOSY HW SOL NACE	A105N	13CR+HF FEP	7
GATE	40	1 1/2	2500 CL.	NPT	APV	SB BBOSY HW SOL NACE	<b>LF2</b>	316+HF	3
GATE	40	1 1/2	TABLE H	UNDRILLFF	FLOWTURN	FB SCBOSY HW SOL	<b>BRZ</b>	BRONZE	3
GATE	40	1 1/2	TABLE H	UNDRILLRF	APV STEAMCO	FB BBOSY HW <b>PARALLEL SLIDE</b>	WCB	13CR+HF	2
GATE	40	1 1/2	TABLE S	UNDRILLRF	APV STEAMCO	FB BBOSY HW <b>PARALLEL SLIDE</b>	A105N	13CR+HFS	1
GATE	50	2	150 CL.	RFSF	BONNEY FORGE	BBOSY HW FB INTEG	A105N	13CR+HFS	10
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW FW NACE	<b>316</b>	316+HFS FEP	9
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW FW 0050AP47N0F (CN7M)	<b>A20</b>	A20+HFS	20
GATE	50	2	150 CL.	RFSF	FASANI	BBOSY HW FW	<b>C12</b>	13CR+HFS	1
GATE	50	2	150 CL.	RFSF	FASANI	BBOSY HW FW	<b>C5</b>	13CR+HFS	1
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW CT ME PT FW NACE (F51) FB	<b>CD3MN</b>	F51+HF	2
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW SOL	<b>CF8</b>	304 PTFE PKG	12
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW FW 0050AP47QLF8MTD	<b>CF8M</b>	316+HFS	10
GATE	50	2	150 CL.	UNDRILLRF	APV	BBOSY HW FW	<b>CF8M</b>	316+HFS PTFE PKG	4
GATE	50	2	150 CL.	RFSF	JC	BBOSY HW FW	<b>CF8M</b>	316	9
GATE	50	2	150 CL.	RFSF	APV-FZV	BBOSY HW FW	<b>F51</b>	S31803+HFS	1
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW FW (WCC DUAL)	<b>LCC</b>	316+HF	24
GATE	50	2	150 CL.	BW40	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	20
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS	60
GATE	50	2	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HF F.E. PKG	108
GATE	50	2	300 CL.	RFSF	SHIPHAM	BBOSY HW FW	<b>BRZ</b>	BRONZE	5
GATE	50	2	300 CL.	RFSF	APV	BBOSY HW FW	<b>C5</b>	13CR+HFS	1
GATE	50	2	300 CL.	RFSF	APV-FZV	FB BBOSY HW CT ME PT FW NACE	<b>CD3MN</b>	F51+HF	2
GATE	50	2	300 CL.	RFSF	APV	BBOSY HW FW	<b>CF8</b>	304 PTFE PKG	2
GATE	50	2	300 CL.	UNDRILLRF	APV	BBOSY HW FW	<b>CF8M</b>	316 PTFE PKG	2
GATE	50	2	300 CL.	RFSF	APV-FZV	BBOSY HW FW	<b>CF8M</b>	316+HFS	20
GATE	50	2	300 CL.	RFSF	APV-FZV	BBOSY HW FW NACE	<b>CF8M</b>	316+HFS	7
GATE	50	2	300 CL.	RFSF	APV	BBOSY HW SOL INTEG	<b>F11</b>	316+HF	4
GATE	50	2	300 CL.	RFSF	APV	BBOSY HW FW NACE (WCC DUAL)	<b>LCC</b>	316+HF	26
GATE	50	2	300 CL.	RFSF	APV	BBOSY HW FW	<b>WC6</b>	13CR+HF	2
GATE	50	2	300 CL.	RTJ	APV	BBOSY HW FW NACE	WCB	13CR+HFS	6
GATE	50	2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW <b>PARALLEL SLIDE</b>	WCB	13CR+HF	2
GATE	50	2	300 CL.	BW80	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	14
GATE	50	2	300 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF	20
GATE	50	2	300 CL.	RFSF	BONNEY FORGE	BBOSY HW FW	A105N	13CR+HFS	10
GATE	50	2	300 CL.	RFSF	BONNEY FORGE	BBOSY HW	<b>316/L</b>	316+HFS	5
GATE	50	2	600 CL.	RFSF	TONG YUNG	BBOSY HW FW NACE	<b>C5</b>	13CR+HFS	2
GATE	50	2	600 CL.	RFSF	APV	BBOSY HW FW	<b>CF8</b>	304+HF	2
GATE	50	2	600 CL.	RTJUC	FASANI	BBOSY HW FW NACE	<b>CF8C</b>	F321	1
GATE	50	2	600 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE 0050AP76LXUF8M	<b>CF8M</b>	316+HFS	11
GATE	50	2	600 CL.	RFSF	FASANI	BBOSY HW FW -100°C	<b>CF8M</b>	316+HF	16
GATE	50	2	600 CL.	RTJUC	JC	BBOSY HW FW NACE	<b>CF8M</b>	316+HFS	10
GATE	50	2	600 CL.	RFSF	APV	BBOSY HW FW NACE (WCC & LCB DUAL)	<b>LCC</b>	316+HF	30
GATE	50	2	600 CL.	RTJUC	APV	BBOSY HW FW	<b>WC6</b>	13CR+HF	4
GATE	50	2	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW <b>PARALLEL SLIDE</b>	<b>WC6</b>	13CR+HF	1
GATE	50	2	600 CL.	BW80	FASANI	BBOSY HW FW NACE	<b>WC6</b>	13CR+HF	4
GATE	50	2	600 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCB	13CR+HFS F.E. PKG	40
GATE	50	2	600 CL.	BW80	APV STEAMCO	BBOSY HW <b>PARALLEL SLIDE</b>	WCB	13CR+HF	2
GATE	50	2	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW <b>PARALLEL SLIDE</b>	WCB	13CR+HF	1
GATE	50	2	600 CL.	RTJ	APV-FZV	BBOSY HW FW NACE	WCB	316+HF	18
GATE	50	2	600 CL.	BW80	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	10
GATE	50	2	600 CL.	RFSF	APV-FZV	BBOSY HW FW NACE (WCB DUAL)	WCC	316+HF	20
GATE	50	2	600 CL.	RFSF	BONNEY FORGE	BBOSY HW FW	<b>F11</b>	13CR+HF	4
GATE	50	2	800 CL.	NPT	APV	RB BBOSY HW SOL	<b>304/L</b>	304+HFS	3
GATE	50	2	800 CL.	BSP	APV	RB BBOSY HW SOL DUAL 316	<b>316/L</b>	316	20
GATE	50	2	800 CL.	NPT	APV	RB BBOSY HW SOL NACE DUAL 316	<b>316/L</b>	316+HFS	39
GATE	50	2	800 CL.	<b>BSPT</b>	APV	RB BBOSY SOL	A105N	13CR+HFS	30
GATE	50	2	800 CL.	SW	APV	RB WBOSY HW NACE SOL	A105N	316+HFS	64
GATE	50	2	800 CL.	SW	APV	RB WBOSY HW SOL <b>SEALED BELLOWS</b>	A105N	13CR+HFS	3
GATE	50	2	800 CL.	NPT	ALCO	RB BBOSY HW SOL NACE	<b>F11</b>	13CR+HF	9

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	50	2	800 CL.	BW80	APV	RB BBOSY HW SOL	F11	13CR+HF	1
GATE	50	2	800 CL.	NPT	APV	FB WBOSY HW SOL	F11	13CR+HF	4
GATE	50	2	800 CL.	SWXPUP80	OMB	RB BBOSY SOL EVSP PKG	F11	13CR+HFS	6
GATE	50	2	800 CL.	NPT	APV	RB WBOSY HW SOL	F22	13CR+HF	1
GATE	50	2	800 CL.	NPT	ALCO	RB BBOSY HW FW	F5	13CR+HF	4
GATE	50	2	800 CL.	NPT	BONNEY FORGE	RB BB HW FW NACE	LF2	316+HF FEP	30
GATE	50	2	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW NACE SOL	LF2	13CR+HFS FEP	54
GATE	50	2	1500 CL.	NPT	APV	BBOSY HW SOL FB (DUAL 316L)	316	316+ST#6	8
GATE	50	2	1500 CL.	NPT	BONNEY FORGE	BBOSY HW SOL SB	316	316+HFS FEP	4
GATE	50	2	1500 CL.	SW	APV	BBOSY HW SW SB	304/L	304+HF	5
GATE	50	2	1500 CL.	BW160	APV	BBOSY HW SOL NACE FB	A105N	13CR+HF	10
GATE	50	2	1500 CL.	BW160	APV	BBOSY HW SW NACE SB	A105N	13CR+HF	10
GATE	50	2	1500 CL.	BW80	APV	BBOSY HW SOL NACE FB	A105N	13CR+HF	8
GATE	50	2	1500 CL.	NPT	APV	WBOSY NACE SOL SB	A105N	13CR+HF	4
GATE	50	2	1500 CL.	NPTXSW	OMB	BBOSY HW SOL EVSP PKG FB	A105N	13CR+HFS	5
GATE	50	2	1500 CL.	RFSF	APV	BBOSY HW FW 0050AP87LXU8D FB	CF8M	316+HFS	2
GATE	50	2	1500 CL.	NPT	ALCO	BBOSY HW SOL NACE SB	F11	13CR+HF	3
GATE	50	2	1500 CL.	BW160	APV	BBOSY HW SOL FB	F11	13CR+HF	1
GATE	50	2	1500 CL.	SW	APV	BBOSY HW SOL FB	F11	316+HF	2
GATE	50	2	1500 CL.	RTJUC	JC	BBOSY HW FW NACE (WCC DUAL) FB	LCC	316+HFS	10
GATE	50	2	1500 CL.	RTJUC	BONNEY FORGE	BBOSY HW FW NACE FB DUAL A105	LF2	316+HF	30
GATE	50	2	1500 CL.	NPT	BONNEY FORGE	BBOSY NACE SOL SB	LF2	316+HF FEP	6
GATE	50	2	1500 CL.	RTJUC	BONNEY FORGE	BBOSY HW SOL FB NACE INTEG	LF2	316+ST#6 FEP	5
GATE	50	2	1500 CL.	BW160	APV	BBOSY HW SOL	WC6	13CR+HF	5
GATE	50	2	1500 CL.	BW160	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WC6	13CR+HF	3
GATE	50	2	1500 CL.	BW160	APV	PSBOSY HW FW NACE FB	WCB	13CR+HF	5
GATE	50	2	1500 CL.	BWXXS	APV	BBOSY HW FW FB	WCB	13CR+HF	10
GATE	50	2	1500 CL.	RTJUC	APV	BBOSY HW FW NACE	WCB	13CR+HF	15
GATE	50	2	1500 CL.	RTJUC	APV	PSBOSY HW FW NACE FB	WCB	13CR+HF F.E. PKG	50
GATE	50	2	1500 CL.	BW80	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	50	2	1500 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	50	2	1500 CL.	RFSF	JC	BBOSY HW FW NACE FB	WCB	13CR+HF	30
GATE	50	2	1500 CL.	RTJ	JC	BBOSY HW FW NACE FB	WCB	13CR+HF	30
GATE	50	2	1500 CL.	RF	APV	BBOSY HW FW NACE FB (WCB DUAL)	WCC	13CR+HF	34
GATE	50	2	2500 CL.	BWXXS	RINGO	PSBOSY HW SOL NACE FB	304	304+HF	17
GATE	50	2	2500 CL.	BW160	HP VALVE	PSBOSY HW SOL MESC FB	316	316+HF	1
GATE	50	2	2500 CL.	BW160	HP VALVE	PSBOSY HW FW MESC FB	321	321 + HF	6
GATE	50	2	2500 CL.	BWXXS	APV	PSBOSY HW SOL INTEG NACE FB	A105N	304+HF	18
GATE	50	2	2500 CL.	NPT	APV	BBOSY HW SOL NACE FB	A105N	13CR+HF	14
GATE	50	2	2500 CL.	SW	APV	BBOSY SOL FW NACE FB	A105N	13CR+HF	19
GATE	50	2	2500 CL.	BW120	HOPKINSON	PSBOSY HW PARALLEL SLIDE FB	A105N	PLATINUM	11
GATE	50	2	2500 CL.	SW	VOGT	WBOSY HW SOL FB	F11	316+HF	1
GATE	50	2	2500 CL.	BW160	APV	BBOSY HW FW FB (WCB/LCB DUAL)	LCC	13CR+HF	3
GATE	50	2	2500 CL.	RTJ	BONNEY FORGE	BBOSY HW FW INTEG NACE FB	LF2	316+HF	5
GATE	50	2	2500 CL.	RTJ	APV	BBOSY HW FW	WCB	13CR+HF	8
GATE	50	2	2500 CL.	RTJUC	APV	PSBOSY HW FW (WCB DUAL)	WCC	13CR+HF	1
GATE	50	2	TABLE H	UNDRILLFF	APV	BBOSY HW SOL 135 F TO F	BRZ	BRONZE	1
GATE	50	2	TABLE H	BW80	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	50	2	TABLE H	RFSF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	2
GATE	50	2	TABLE J	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	50	2	TABLE J	BW40	JOHNS	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	8
GATE	50	2	TABLE K	RFSF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	65	2 1/2	150 CL.	UNDRILLRF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316 PTFE PKG	5
GATE	65	2 1/2	150 CL.	RFSF	APV	BBOSY HW FW	CF8	304	3
GATE	65	2 1/2	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCB	13CR+HFS F.E. PKG	8
GATE	65	2 1/2	150 CL.	UNDRILLRF	APV	BBOSY HW FW	WCB	13CR+HFS	2
GATE	65	2 1/2	150 CL.	RFSF	FLOWTURN	BBOSY HW FW	WCB	BRONZE	5
GATE	65	2 1/2	150 CL.	BW40	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	4
GATE	65	2 1/2	290 CL.	BSP	FLOWTURN	SCBISY HW FW	BRZ	BRONZE	7
GATE	65	2 1/2	300 CL.	BW40	APV	BBOSY HW FW	WCB	13CR+HFS	2
GATE	65	2 1/2	300 CL.	RFSF	APV	BBOSY HW FW	WCB	13CR+HFS F.E. PKG	7
GATE	65	2 1/2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	3
GATE	65	2 1/2	600 CL.	RTJUC	APV	BBOSY HW FW NACE	WCB	13CR+HFS	1
GATE	65	2 1/2	1500 CL.	SW	APV	BBOSY SOL FW SB	A105N	13CR+HF	14
GATE	65	2 1/2	2500 CL.	SW	APV	BBOSY SOL FW FB	A105N	13CR+HF	3
GATE	65	2 1/2	PN16	RFSF	FLOWTURN	BBISY HW SOL	CI	BRONZE 316 ST	4
GATE	65	2 1/2	TABLE H/J	UNDRILL	JOHNS	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HFS	3
GATE	65	2 1/2	TABLE T	RFSF	HOPKINSON	BBOSY HW PARALLEL SLIDE FB	C/S	PLATINUM	1
GATE	65	2 1/2	TABLE T	RFSF	HOPKINSON	BBOSY HW PARALLEL SLIDE VENTURI	WC6	PLATINUM	1
GATE	80	3	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL 203 F TO F	CI	BRONZE 13CR ST	20
GATE	80	3	150 CL.	FF	APV	BBOSY HW FW	BRZ	MONEL	1



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	80	3	150 CL.	RFSF	FASANI	BBOSY HW FW	C5	13CR+HFS	13
GATE	80	3	150 CL.	RFSF	APV	FB BBOSY HW CT ME PT FW NACE	CD3MN	F51+HF	1
GATE	80	3	150 CL.	UNDRILLRF	APV	BBOSY HW SOL	CF3M	316+HFS PTFE PKG	10
GATE	80	3	150 CL.	RFSF	APV	BBOSY HW FW	CF8	304 PTFE PKG	2
GATE	80	3	150 CL.	RFSF	APV	BBOSY HW FW NACE	CF8M	316	7
GATE	80	3	150 CL.	RFSF	APV	BBOSY HW FW ALLOY 20	CN7M	ALLOY 20	1
GATE	80	3	150 CL.	RFSF	APV-FZV	BBOSY HW FW (WCC DUAL)	LCC	316+HF J2204	19
GATE	80	3	150 CL.	RFSF	HATTERSLEY	BBOSY HW FW	WC6	13CR+HF	3
GATE	80	3	150 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	40
GATE	80	3	150 CL.	BW40	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS	20
GATE	80	3	150 CL.	UNDRILLRF	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF	10
GATE	80	3	200 PSI	BSP	FLOWTURN	SCBISY HW SOL	BRZ	BRONZE	6
GATE	80	3	200 PSI	BSP	FLOWTURN	SCBOSY HW SOL	CF8M	316	2
GATE	80	3	300 CL.	RFSF	APV	BBOSY HW FW	C5	316+HFS	3
GATE	80	3	300 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS	6
GATE	80	3	300 CL.	RFSF	APV	BBOSY HW FW	CF8	F304	4
GATE	80	3	300 CL.	RFSF	TAKIMASAWI	BBOSY HW FW EXT BONNET CRYO	CF8M	304+HF	2
GATE	80	3	300 CL.	RFSF	APV-FZV	BBOSY HW FW (WCB/LCB DUAL)	LCC	13CR+HFS	8
GATE	80	3	300 CL.	RFSF	APV-FZV	BBOSY HW FW (WCC DUAL)	LCC	13CR+HF	8
GATE	80	3	300 CL.	RFSF	APV	BBOSY HW FW	WC6	13CR+HF	1
GATE	80	3	300 CL.	BW40	APV	BBOSY HW FW	WCB	13CR+HFS	20
GATE	80	3	300 CL.	RFSF	APV	BBOSY HW FW 0080AP33UFRJUM	WCB	13CR+HF	26
GATE	80	3	300 CL.	RTJUC	APV	BBOSY HW FW	WCB	13CR+HF	8
GATE	80	3	300 CL.	UNDRILLRF	APV	BBOSY HW FW NACE	WCB	13CR+HFS	5
GATE	80	3	300 CL.	UNDRILLRF	STEAMCO	BBOSY HW PARALLEL SLIDE 0080AP316SXUS	WCB	13CR+HFS	5
GATE	80	3	300 CL.	BW80	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	3
GATE	80	3	600 CL.	RFSF	RAIMONDI	BBOSY HW FW	C5	13CR+HFS	2
GATE	80	3	600 CL.	RTJUC	APV	BBOSY HW FW	CF8	304	4
GATE	80	3	600 CL.	RFSF	FASANI	BBOSY HW FW NACE	CF8C	F321	2
GATE	80	3	600 CL.	BW40S	MALBRANQUE	BBOSY HW FW NACE	CF8C	321+HF	1
GATE	80	3	600 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE	CF8M	316+HFS	8
GATE	80	3	600 CL.	RTJUC	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WC6	13CR+HF	1
GATE	80	3	600 CL.	RFSF	TONG YUNG	BBOSY HW FW NACE MESC	WC6	13CR+HF	1
GATE	80	3	600 CL.	BW40	RAIMONDI	BBOSY HW FW NACE	WC9	13CR+HF	2
GATE	80	3	600 CL.	BW80	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WCB	13CR+HF	3
GATE	80	3	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WCB	13CR+HF	3
GATE	80	3	600 CL.	BW80	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HFS	4
GATE	80	3	600 CL.	RFSF	APV-FZV	BBOSY HW FW FB NACE	WCB	13CR+HF	5
GATE	80	3	600 CL.	RFSF	JC	BBOSY HW FW FB NACE	WCB	13CR+HF	11
GATE	80	3	600 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	10
GATE	80	3	900 CL.	RTJUC	APV	PSBOSY HW FW NACE	LCC	316+HF	2
GATE	80	3	900 CL.	BW80	APV	BBOSY HW FW	WCB	13CR+HFS	2
GATE	80	3	900 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HF	16
GATE	80	3	1500 CL.	RTJUC	APV	BBOSY HW FW NACE (WCC DUAL)	LCC	316+HF	3
GATE	80	3	1500 CL.	BW160	APV-FZV	PSBOSY HW PARALLEL SLIDE	LCC	13CR+HF	1
GATE	80	3	1500 CL.	BW160	APV	PSBOSY HW SOL NACE	WC9	13CR+HF	1
GATE	80	3	1500 CL.	BW160	APV	BBOSY HW FW NACE	WCB	13CR+HF	2
GATE	80	3	1500 CL.	BW160	APV	PSBOSY HW FW NACE	WCB	13CR+HF	2
GATE	80	3	1500 CL.	BW80	APV	PSBOSY HW PARALLEL SLIDE	WCB	13CR+HF	1
GATE	80	3	1500 CL.	RTJUC	APV	PSBOSY HW PARALLEL SLIDE	WCB	13CR+HF	2
GATE	80	3	1500 CL.	RFSF	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HF	4
GATE	80	3	1500 CL.	RTJ	COLVES	BBOSY HW FW NACE	WCB	13CR+HF	4
GATE	80	3	1500 CL.	RTJUC	COLVES	BBOSY HW FW NACE	WCB	13CR+HF	4
GATE	80	3	1500 CL.	RTJUC	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HF F.E. PKG	6
GATE	80	3	1500 CL.	RTJUC	APV	PSBOSY HW FW NACE	WCC	13CR+HF	2
GATE	80	3	1500 CL.	BW160	APV-FZV	PSBOSY HW FW	WCC	13CR+HFS	2
GATE	80	3	1500 CL.	BW160	APV-FZV	PSBOSY HW FW NACE	WCC	13CR+HF	1
GATE	80	3	2500 CL.	RTJ	APV	PSBOSY HW FW NACE (WCC DUAL)	LCC	316+HF	1
GATE	80	3	2500 CL.	BWXXS	APV	PSBOSY HW FW NACE	WCB	13CR+HF	1
GATE	80	3	2500 CL.	RTJ	APV	BBOSY HW FW NACE	WCB	13CR+HF	1
GATE	80	3	2500 CL.	RTJUC	APV	PSBOSY HW FW NACE	WCB	13CR+HF	1
GATE	80	3	PN16	UNDRILLFF	FLOWTURN	BBOSY HW SOL	CI	304	5
GATE	80	3	PN25	RFSF	APV	BBOSY HW FW	WCB	13CR+HFS	5
GATE	80	3	TABLE F	UNDRILLFF	FLOWTURN	BBOSY HW SOL 203 F TO F	CI	304	5
GATE	80	3	TABLE H	FF	APV	BBOSY HW FW	WCB	13CR+HFS	4
GATE	80	3	TABLE H	FF	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WCB	13CR+HF	4
GATE	80	3	TABLE R	RTJUC	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WC6	13CR+HF	1
GATE	80	3	TABLE R	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WCB	13CR+HF	3
GATE	100	4	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL	CI	BRZ/SS	16
GATE	100	4	150 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS	22
GATE	100	4	150 CL.	UNDRILLRF	APV	BBOSY HW FW NACE	CF8	304	4

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	100	4	150 CL.	RFSF	APV	BBOSY HW FW 0100AP47LXUF-8M	CF8M	316+HFS	30
GATE	100	4	150 CL.	RFSF	APV-FZV	BBOSY HW FW	CF8M	316+HFS	6
GATE	100	4	150 CL.	RFSF	APV	BBOSY HW FW (WCC DUAL)	LCC	316+HF	7
GATE	100	4	150 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE 0100AP316SUS	WCB	13CR+HF	2
GATE	100	4	150 CL.	RFSF	JC	BBOSY HW FW NACE	WCB	13CR+HF	50
GATE	100	4	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	120
GATE	100	4	200 PSI	BSP	FLOWTURN	SCBISY HW FW	BRZ	BRONZE	3
GATE	100	4	300 CL.	RFSF	APV	BBOSY HW FW	C5	13CR+HFS F.E. PKG	3
GATE	100	4	300 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS PTFE PKG	4
GATE	100	4	300 CL.	RFSF	APV-FZV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS	6
GATE	100	4	300 CL.	RFSF	FASANI	BBOSY HW FW EXT BONNET CRYO	CF8	304+HF	1
GATE	100	4	300 CL.	RFSF	TAKAMISAWI	BBOSY FW EXT BONNET HIGH TEMP	CF8M	316+HF	1
GATE	100	4	300 CL.	RTJUC	FASANI	BBOSY HW FW NACE	LCB	316	4
GATE	100	4	300 CL.	RTJUC	APV	BBOSY HW FW (WCC DUAL)	LCC	316+HF	12
GATE	100	4	300 CL.	RFSF	FASANI	BBOSY HW FW	WC1	13CR+HFS	22
GATE	100	4	300 CL.	BW80	APV	BBOSY HW FW	WC6	13CR+HFS	4
GATE	100	4	300 CL.	BW40	APV	BBOSY HW FW	WCB	13CR+HFS	7
GATE	100	4	300 CL.	BW80	APV	BBOSY HW FW	WCB	13CR+HFS	6
GATE	100	4	300 CL.	UNDRILLRF	APV	BBOSY HW FW	WCB	13CR+HFS	8
GATE	100	4	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE	WCB	13CR+HF	6
GATE	100	4	300 CL.	RFSF	HATTERSLEY	BBOSY HW FW	WCB	13CR+PTFE SEAT	4
GATE	100	4	300 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	30
GATE	100	4	300 CL.	BW80	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HF F.E. PKG	6
GATE	100	4	300 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	MONEL	5
GATE	100	4	600 CL.	RFSF	FASANI	BBOSY HW FW NACE	C5	13CR+HFS	2
GATE	100	4	600 CL.	RFSF	APV	BBOSY HW FW	CF8	304	1
GATE	100	4	600 CL.	RFSF	APV	BBOSY HW FW	CF8M	316	4
GATE	100	4	600 CL.	RFSF	APV-FZV	BBOSY HW FW NACE 0100AP76LXUF4	CF8M	316+HFS	8
GATE	100	4	600 CL.	BW80	APV STEAMCO	BBOSY HW PARALLEL SLIDE 0100AP316SHUSBM	WC6	13CR+HF	1
GATE	100	4	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE 0100AP316SHUS	WC6	13CR+HF	2
GATE	100	4	600 CL.	BW80	NEWCO	BBOSY HW FW NACE	WC6	13CR+HF	4
GATE	100	4	600 CL.	RFSF	TONG YUNG	BBOSY HW FW NACE MESC	WC6	13CR+HF	2
GATE	100	4	600 CL.	BW80	APV STEAMCO	BBOSY HW PARALLEL SLIDE 0100AP316SHUSBM	WCB	13CR+HF	2
GATE	100	4	600 CL.	RFSF	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HF	10
GATE	100	4	600 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HF	8
GATE	100	4	600 CL.	RFSF	JC	BBOSY HW FW NACE	WCB	13CR+HFS	16
GATE	100	4	600 CL.	BW80	RAIMONDI	BBOSY HW FW NACE	WCB	13CR+HF	4
GATE	100	4	600 CL.	BW80	APV	BBOSY HW FW	WCC	13CR+HF	7
GATE	100	4	900 CL.	RTJUC	APV	BBOSY HW FW NACE	WCB	13CR+HF	4
GATE	100	4	900 CL.	BW80	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HF	4
GATE	100	4	900 CL.	RTJUC	APV-FZV	BBOSY HW FW FB NACE	WCB	13CR+HF	12
GATE	100	4	900 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF	4
GATE	100	4	1500 CL.	BW160	APV-FZV	PSBOSY HW FW NACE	WC6	13CR+HF	2
GATE	100	4	1500 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE	WC6	316+HF	1
GATE	100	4	1500 CL.	BW160	APV	PSBOSY GO FW NACE	WCB	13CR+HF	3
GATE	100	4	1500 CL.	RTJUC	APV	PSBOSY HW FW NACE	WCB	13CR+HF	14
GATE	100	4	1500 CL.	BW160	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF	1
GATE	100	4	1500 CL.	BW80	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF	4
GATE	100	4	1500 CL.	RTJUC	APV	BBOSY HW FW NACE	WCC	13CR+HF	2
GATE	100	4	1500 CL.	RTJUC	APV	PSBOSY HW FW NACE	WCC	13CR+HF	9
GATE	100	4	1500 CL.	RFSF	JC	BBOSY HW FW NACE	WCC	13CR+HF	10
GATE	100	4	1500 CL.	RTJ	JC	BBOSY HW FW NACE	WCC	13CR+HFS	12
GATE	100	4	2500 CL.	BW160	APV	BBOSY GO FW NACE DUAL WCB	WCC	13CR+HF	1
GATE	100	4	2500 CL.	RTJ	APV	PSBOSY HW GO NACE DUAL WCB	WCC	13CR+HF	1
GATE	100	4	BST-T T	FF	HOPKINSON	BBOSY HW PARALLEL SLIDE VENTURI	WCB	316+HFS	
GATE	100	4	PN25	RFSF	FLOWTURN	BBISY HW FW	DI	BRONZE 13CR ST	5
GATE	100	4	TABLE D	FF	FLOWTURN	BBOSY HW SOL 229 F TO F	CI	BRZ/13CR	4
GATE	100	4	TABLE E	FF	APV	BBOSY HW SOL	CF8M	304	1
GATE	100	4	TABLE E	FF	FLOWTURN	BBISY HW SOL	CI	BRONZE 13CR ST	3
GATE	100	4	TABLE E	FF	FLOWTURN	BBOSY HW SOL	CI	BRONZE 13CR ST	16
GATE	100	4	TABLE F	UNDRILLFF	FLOWTURN	BBOSY HW SOL	DI	316	4
GATE	100	4	TABLE H	FF	APV	BBOSY HW FW	WCB	13CR+HFS	4
GATE	100	4	TABLE H	UNDRILLRF	APV	BBOSY HW FW	WCB	13CR+HFS	3
GATE	100	4	TABLE H	FF	STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	6
GATE	125	5	125 CL.	FF	FLOWTURN	BBISY HW SOL	CI	BRONZE	6
GATE	125	5	125 CL.	UNDRILLFF	FLOWTURN	BBISY HW SOL	CI	13CR+HFS	14
GATE	125	5	150 CL.	UNDRILLRF	APV	BBOSY HW FW P	WCB	13CR	2
GATE	125	5	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR	8
GATE	125	5	300 CL.	UNDRILLRF	APV	BBOSY HW FW	WCB	13CR+HFS	1
GATE	125	5	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	125	5	300 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS	2

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	125	5	PN25	RF	FLOWTURN	BBISY HW SOL	DI	BRONZE 13CR ST	2
GATE	125	5	TABLE E	FF	FLOWTURN	BBOSY HW SOL	CI	13CR	2
GATE	125	5	TABLE H	FF	JOHNS	BBOSY HW PARALLEL SLIDE FB	WCB	13CR +HFS	1
GATE	150	6	125 CL.	FF	FLOWTURN	BBISY HW SOL	CI	BRONZE 13CR ST	10
GATE	150	6	125 CL.	FF	FLOWTURN	BBOSY HW SLUICE	CI	EPDM DISC BRZ ST	2
GATE	150	6	125 CL.	FF	FLOWTURN	BBOSY HW SOL	CI	BRONZE 13CR ST	8
GATE	150	6	150 CL.	RFSF	APV	BBOSY HW FW	C5	13CR+HFS	2
GATE	150	6	150 CL.	BW40	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316	3
GATE	150	6	150 CL.	RFSF	APV-FZV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS	12
GATE	150	6	150 CL.	RFSF	APV	BBOSY HW FW	CF8	304	3
GATE	150	6	150 CL.	UNDRILLRF	APV	BBOSY HW FW	CF8	304 PTFE PKG	1
GATE	150	6	150 CL.	RFSF	PETROL VALVE	BBOSY HW FW EXT BONNET CRYO	CF8	304+HF	1
GATE	150	6	150 CL.	UNDRILLRF	APV	BBOSY HW FW	CF8M	316+HFS	3
GATE	150	6	150 CL.	RFSF	RAIMONDI	BBOSY HW FW	LCB	304	2
GATE	150	6	150 CL.	BW40	APV	BBOSY HW FW	WC6	13CR+HFS	1
GATE	150	6	150 CL.	RFSF	RAIMONDI	BBOSY HW FW	WC6	13CR	2
GATE	150	6	150 CL.	UNDRILLRF	APV	BBOSY HW FW NACE	WCB	13CR+HF	3
GATE	150	6	150 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	70
GATE	150	6	150 CL.	BW40	RAIMONDI	BBOSY HW FW	WCB	13CR+HFS	6
GATE	150	6	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	90
GATE	150	6	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HF F.E. PKG	16
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW NACE	C5	13CR+HFS	2
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS	4
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW	CF8	304	2
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW	CF8M	316+HFS	4
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW	LCB	13CR+HFS	8
GATE	150	6	300 CL.	BW40	APV	BBOSY HW FW	WC6	13CR+HFS	1
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW NACE	WC6	13CR+HF	1
GATE	150	6	300 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCB	13CR+HFS F.E. PKG	8
GATE	150	6	300 CL.	UNDRILLRF	APV	BBOSY HW FW	WCB	13CR+HFS	2
GATE	150	6	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	2
GATE	150	6	300 CL.	RFSF	JC	BBOSY HW FW NACE	WCB	13CR+HFS	20
GATE	150	6	300 CL.	RFSF	KITZ	BBOSY HW FW DB+B	WCB	13CR+PTFE SEAT	6
GATE	150	6	300 CL.	BW40	RAIMONDI	BBOSY HW FW	WCB	13CR+HFS	4
GATE	150	6	300 CL.	BW40	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	7
GATE	150	6	600 CL.	RFSF	APV	BBOSY HW FW 0150AP76PU-8	CF8	304+HF	1
GATE	150	6	600 CL.	RFSF	APV-FZV	BBOSY HW FW	CF8M	316+HFS	1
GATE	150	6	600 CL.	RFSF	APV	BBOSY HW FW NACE	LC3	13CR+HF	1
GATE	150	6	600 CL.	BW40	APV	BBOSY HW FW NACE	WC6	13CR+HFS	1
GATE	150	6	600 CL.	RFSF	APV	BBOSY HW FW NACE	WC6	13CR+HFS	1
GATE	150	6	600 CL.	UNDRILLRF	APV-STEAMCO	BBOSY HW FB PARALLEL SLIDE	WC6	13CR+HFS	1
GATE	150	6	600 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCB	13CR+HF F.E. PKG	16
GATE	150	6	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	150	6	600 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE	WCB	13CR+HF	8
GATE	150	6	600 CL.	RFSF	JC	BBOSY HW FW FB NACE	WCB	13CR+HF	8
GATE	150	6	600 CL.	BW80	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	5
GATE	150	6	900 CL.	UNDRILLRF	APV	BBOSY HW PARALLEL SLIDE FB	WCC	13CR+HF X750	1
GATE	150	6	900 CL.	RTJUC	APV-FZV	BBOSY HW FW NACE	WCC	13CR+HF	5
GATE	150	6	900 CL.	RTJUC	COLVES	BBOSY HW FW NACE	WCC	13CR+HF	5
GATE	150	6	1500 CL.	BW160	APV	PSBOSY GO FW NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	1
GATE	150	6	1500 CL.	RTJUC	APV	BBOSY GO FW NACE (WCB DUAL)	WCC	316+HF F.E. PKG	3
GATE	150	6	1500 CL.	RTJUC	JC	BBOSY GO FW NACE	WCC	13CR+HF	60
GATE	150	6	PN25	RFSF	FLOWTURN	BBISY HW SOL	DI	BRONZE 316 ST	4
GATE	150	6	PN25	RFSF	FLOWTURN	BBOSY HW SOL	DI	BRONZE 316 ST	4
GATE	150	6	TABLE E	RFSF	APV	BBOSY HW FW	CF8M	316	4
GATE	150	6	TABLE F	UNDRILLFF	FLOWTURN	BBISY HW SOL	SGI	BRONZE 316 ST	2
GATE	150	6	TABLE H	FF	APV	BBOSY HW FW	WCB	13CR+HFS	4
GATE	150	6	TABLE H	FF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	3
GATE	175	7	TABLE H	FF	STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	SS + HFS	2
GATE	200	8	125 CL.	UNDRILLFF	FLOWTURN	BBISY HW FW	CI	BRONZE 13CR ST	4
GATE	200	8	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW FW	CI	BRONZE 13CR ST	6
GATE	200	8	150 CL.	RFSF	APV	BBOSY HW FW FB NACE (CF8M DUAL)	CF3M	316+HFS	6
GATE	200	8	150 CL.	UNDRILLRF	APV	BBOSY HW FW NACE	CF8	304	2
GATE	200	8	150 CL.	UNDRILLRF	APV	BBOSY HW FW	CF8M	316+HFS	5
GATE	200	8	150 CL.	RFSF	APV	BBOSY HW FW NACE 0200AP47LUFNL (WCC+LCB)	LCB	316+HF	9
GATE	200	8	150 CL.	RFSF	HATTERSLEY/H	BBOSY HW FW	WC6	13CR+HF	3
GATE	200	8	150 CL.	BW40	APV	BBOSY HW FW 0200AP47XUFBW40 NACE	WCB	13CR+HFS	22
GATE	200	8	150 CL.	RFSF	APV	BBOSY HW FX 0200AP47LXUFN-BW	WCB	316+HFS	14
GATE	200	8	150 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	40
GATE	200	8	150 CL.	RFSF	KITZ	BBOSY HW FW DB+B	WCB	13CR+PTFE SEAT	7
GATE	200	8	150 CL.	BW40	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	13

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	200	8	150 CL.	RFSF	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HF	18
GATE	200	8	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	40
GATE	200	8	150 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HF	11
GATE	200	8	300 CL.	RFSF	APV	BBOSY GO FW	C5	13CR+HFS	1
GATE	200	8	300 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HFS	1
GATE	200	8	300 CL.	RFSF	APV-FZV	BBOSY HW FW NACE (WCC DUAL)	LCC	316+HF	8
GATE	200	8	300 CL.	BW40	APV	BBOSY HW FW (WCB DUAL)	WCB	13CR+HFS F.E. PKG	10
GATE	200	8	300 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCB	13CR+HFS F.E. PKG	13
GATE	200	8	300 CL.	UNDRILLRF	APV-STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HF	1
GATE	200	8	300 CL.	RFSF	JC	BBOSY HW FW FB NACE	WCB	13CR+HFS	10
GATE	200	8	300 CL.	RTJUC	JC	BBOSY HW FW NACE	WCB	13CR+HF	6
GATE	200	8	300 CL.	BW40	RAIMONDI	BBOSY HW FW	WCB	13CR+HFS	8
GATE	200	8	600 CL.	RTJUC	HATTERSLEY	BBOSY HW FW	C5	13CR+HFS	1
GATE	200	8	600 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316+HF	2
GATE	200	8	600 CL.	RFSF	APV	BBOSY GO FW -100°C 0200AP76PU-8	CF8	316+HFS	1
GATE	200	8	600 CL.	RFSF	APV	BBOSY HW FW	CF8C	321+HF	1
GATE	200	8	600 CL.	RFSF	APV	BBOSY GO FW 0200AP76PU-8M	CF8M	316+HF	2
GATE	200	8	600 CL.	RFSF	APV	BBOSY HW FW NACE	WC6	13CR+HF	2
GATE	200	8	600 CL.	BW80	APV	BBOSY HW FW NACE	WCB	13CR+HF	2
GATE	200	8	600 CL.	RFSF	APV	BBOSY GO FW NACE	WCB	13CR+HF	10
GATE	200	8	600 CL.	RTJ	APV	BBOSY GO FW NACE	WCB	13CR+HF	7
GATE	200	8	600 CL.	RFSF	APV	BBOSY GO FW FB NACE	WCC	13CR+HF	5
GATE	200	8	900 CL.	RTJUC	APV	BBOSY GO FW NACE	WC6	316+HF	1
GATE	200	8	900 CL.	RTJUC	APV-FZV	BBOSY GO FW NACE	WCB	316+HF	4
GATE	200	8	900 CL.	RTJUC	APV	BBOSY GO FW NACE	WCC	316+HF	3
GATE	200	8	1500 CL.	RTJUC	APV	PSBOSY GO FW NACE	WCB	316+HF	1
GATE	200	8	PN16	UNDRILLFF	FLOWTURN	BBISY HW SOL	CI	BRONZE 316 ST	3
GATE	200	8	PN25	RF	FLOWTURN	BBISY HW SOL	DI	BRONZE 13CR ST	6
GATE	200	8	TABLE H	FF	APV	BBOSY HW SOL	WCB	13CR+HFS	3
GATE	200	8	TABLE R	UNDRILLFF	MEMACK	BBOSY HW PARALLEL SLIDE FB	WCB	13CR	1
GATE	225	9	TABLE E	FF	FLOWTURN	BBISY HW SOL	CI	BRONZE 13CR ST	1
GATE	250	10	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL	CI	BRONZE 13CR ST	8
GATE	250	10	150 CL.	RFSF	APV	BBOSY HW FW (CF8M DUAL)	CF3M	316	4
GATE	250	10	150 CL.	RFSF	APV	BBOSY HW FW NACE	CF8	304	1
GATE	250	10	150 CL.	UNDRILLRF	APV	BBOSY HW FW NACE	CF8M	316+HFS	3
GATE	250	10	150 CL.	RFSF	APV	BBOSY HW FW NACE (WCC DUAL)	LCC	316+HFS	5
GATE	250	10	150 CL.	RFSF	APV	BBOSY GO FW	WCB	13CR+HFS	34
GATE	250	10	150 CL.	RFSF	APV	BBOSY HW FW NACE	WCB	13CR+HF	3
GATE	250	10	150 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	20
GATE	250	10	150 CL.	BW40	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HFS	6
GATE	250	10	150 CL.	RFSF	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HFS	21
GATE	250	10	300 CL.	RFSF	APV	BBOSY HW FW	C5	13CR+HFS	1
GATE	250	10	300 CL.	RFSF	APV	BBOSY HW FW NACE (CF8M DUAL)	CF3M	316	3
GATE	250	10	300 CL.	RFSF	APV-FZV	BBOSY HW FW NACE (WCC DUAL)	LCC	316+HF	3
GATE	250	10	300 CL.	BW40	APV	BBOSY HW FW NACE	WCB	13CR+HFS	3
GATE	250	10	300 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCB	13CR+HF F.E. PKG	6
GATE	250	10	300 CL.	UNDRILLRF	APV	BBOSY HW FW NACE	WCB	13CR+HFS	2
GATE	250	10	300 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	8
GATE	250	10	300 CL.	BW80	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HFS F.E. PKG	4
GATE	250	10	600 CL.	RFSF	FASANI	BBOSY HW FW NACE	CF8	304	1
GATE	250	10	600 CL.	RFSF	APV	BBOSY HW FW NACE	WCB	13CR+HFS	6
GATE	250	10	600 CL.	RTJUC	APV	BBOSY GO FW NACE	WCB	316+HF	4
GATE	250	10	600 CL.	RFSF	JC	BBOSY GO FW NACE	WCB	13CR+HF	4
GATE	250	10	600 CL.	BW80	APV	BBOSY GO FW NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	2
GATE	250	10	900 CL.	RTJUC	APC	BBOSY GO FW NACE	WCB	13CR+HF	2
GATE	250	10	900 CL.	RTJUC	APV-FZV	BBOSY GO FW NACE	WCB	13CR+HF	3
GATE	250	10	900 CL.	RFSF	JC	BBOSY GO FW NACE	WCC	13CR+HF	2
GATE	250	10	1000 CL.	BW160	HOPKINSON	BBOSY GO PARALLEL SLIDE 1000 CL FB	WCB	316+HF	1
GATE	250	10	TABLE E	UNDRILLFF	FLOWTURN	BBISY HW SLUICE	CI	BRONZE	6
GATE	250	10	TABLE F	UNDRILLRF	JOHNS	BBOSY HW PARALLEL SLIDE FB	CI	BRONZE	2
GATE	250	10	TABLE H	FF	DEWRANCE	BBOSY HW PARALLEL SLIDE FB	C/S	316	1
GATE	300	12	125 CL.	FF	FLOWTURN	BBISY HW SOL	CI	BRONZE 13CR ST	12
GATE	300	12	125 CL.	FF	FLOWTURN	BBOSY HW SOL	CI	BRONZE 13CR ST	8
GATE	300	12	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL	CI	BRONZE	2
GATE	300	12	150 CL.	RFSF	JC	BBOSY GO FW	C5	13CR+HFS	1
GATE	300	12	150 CL.	RFSF	APV	BBOSY HW FW NACE (CF8M DUAL)	CF3M	316+HFS	2
GATE	300	12	150 CL.	RFSF	APV	BBOSY HW FW NACE	CF8	304	2
GATE	300	12	150 CL.	RFSF	APV-FZV	BBOSY HW FW NACE	LCC	316+HFS	2
GATE	300	12	150 CL.	RFSF	APV	BBOSY GO FW FB	WCB	13CR+HFS	6
GATE	300	12	150 CL.	UNDRILLRF	APV	BBOSY HW FW	WCB	13CR+HFS	12
GATE	300	12	150 CL.	RFSF	APV-FZV	BBOSY GO FW	WCB	13CR+HFS	20

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	300	12	150 CL.	RFSF	JC	BBOSY HW FW	WCB	13CR+HFS	16
GATE	300	12	150 CL.	BWSTD	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HFS F.E. PKG	3
GATE	300	12	150 CL.	RFSF	APV	BBOSY GO FW FB NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	3
GATE	300	12	150 CL.	RFSF	APV	BBOSY HW FW	WCC	13CR+HFS F.E. PKG	16
GATE	300	12	300 CL.	RFSF	JC	BBOSY HW FW NACE	CF5	13CR+HFS	1
GATE	300	12	300 CL.	RFSF	APV	BBOSY HW FW	CF8	304+HF	1
GATE	300	12	300 CL.	RFSF	APV	BBOSY HW FW	CF8M	316+HFS	1
GATE	300	12	300 CL.	RFSF	TRIANGLE	BBOSY HW FW EXT BONNET CRYO	CF8M	316+HFS	1
GATE	300	12	300 CL.	UNDRILLRF	APV	BBOSY GO FW FB NACE	WCB	13CR+HFS	2
GATE	300	12	300 CL.	RFSF	JC	BBOSY HW FW NACE	WCB	13CR+HFS	6
GATE	300	12	300 CL.	UNDRILLRF	STEAMCO	BBOSY HW PARALLEL SLIDE 0300AO316HUS	WCB	13CR+HF	1
GATE	300	12	300 CL.	RFSF	APV	BBOSY GO FW FB NACE	WCC	13CR+HFS	2
GATE	300	12	300 CL.	RFSF	APV	BBOSY HW FW NACE (WCB DUAL)	WCC	13CR+HFS	12
GATE	300	12	600 CL.	RFSF	JC	BBOSY GO FW NACE	CF5	13CR+HF	1
GATE	300	12	600 CL.	RFSF	APV	BBOSY GO FW	CF8	304	1
GATE	300	12	600 CL.	RFSF	JC	BBOSY GO FW	CF8	304	1
GATE	300	12	600 CL.	RFSF	APV	BBOSY HW FW	CF8C	321+ HF	1
GATE	300	12	600 CL.	RTJUC	FASANI	BBOSY HW FW	CF8M	316+HF	2
GATE	300	12	600 CL.	RFSF	JC	BBOSY GO FW NACE	WCB	13CR+HF	2
GATE	300	12	600 CL.	BW80	APV	BBOSY GO FW NACE	WCC	13CR+HF	2
GATE	300	12	600 CL.	RFSF	APV	BBOSY GO FW FB NACE	WCC	13CR+HF	2
GATE	300	12	900 CL.	RTJUC	APV	BBOSY GO FW NACE	WCB	316+HF	1
GATE	300	12	PN16	RFSF	FLOWTURN	BBOSY HW SOL	CI	BRONZE	1
GATE	300	12	TABLE E	FF	FLOWTURN	BBOSY HW SOL	CI	BRONZE 13CR ST	7
GATE	300	12	TABLE F	UNDRILLFF	FLOWTURN	BBISY HW SOL	CI	BRONZE	2
GATE	300	12	TABLE H	RFSF	APV STEAMCO	BBOSY HW PARALLEL SLIDE SHUS FB	WCB	13CR+HF	1
GATE	350	14	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL 381 F TO F PN16	CI	BRONZE	4
GATE	350	14	125 CL.	UNDRILLFF	FLOWTURN	BBISY HW SOL 381 F TO F PN16	CI	BRONZE 13CR ST	1
GATE	350	14	125 CL.	UNDRILLFF	FLOWTURN	BBISY HW SOL 441 F TO F PN16	CI	BRONZE 13CR ST	1
GATE	350	14	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL 381 F TO F PN16	CI	13CR	3
GATE	350	14	150 CL.	RFSF	RAIMONDI	BBOSY HW FW	CF8	304	3
GATE	350	14	150 CL.	RFSF	RAIMONDI	BBOSY HW FW	LCB	316+HF	2
GATE	350	14	150 CL.	RFSF	APV-FZV	BBOSY GO FW	WCB	13CR+HFS	6
GATE	350	14	150 CL.	RFSF	APV	BBOSY HW FW (WCB DUAL)	WCC	13CR+HFS	7
GATE	350	14	300 CL.	RFSF	APV	BBOSY GO FW NACE	WCC	13CR+HFS	3
GATE	350	14	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HFS	1
GATE	350	14	300 CL.	RFSF	APV	BBOSY GO FW FB NACE	WCC	13CR+HF	3
GATE	350	14	600 CL.	BW80	APV	BBOSY GO FW NACE (WCB DUAL)	WCC	13CR+HFS	1
GATE	350	14	600 CL.	RFSF	JC	BBOSY GO FW NACE	WCC	13CR+HF	1
GATE	350	14	PN16	UNDRILLRF	FLOWTURN	BBOSY HW SOL 381 F TO F	CI	BRONZE 13CR ST	2
GATE	350	14	TABLE E	FF	FLOWTURN	BBISY HW SOL 441 F TO F	CI	BRONZE	4
GATE	350	14	TABLE E	FF	FLOWTURN	BBOSY HW SOL 381 F TO F	CI	BRONZE	3
GATE	350	14	TABLE E	FF	FLOWTURN	BBOSY HW SOL 441 F TO F	CI	BRONZE	2
GATE	350	14	TABLE J	UNDRILLRF	JOHNS	BBOSY HW PARALLEL SLIDE FB	WCB	13CR+HFS	1
GATE	375	15	TABLE E	FF	FLOWTURN	BBOSY HW SOL	CI	BRONZE 13CR ST	1
GATE	375	15	TABLE F	FF	APV	BBOSY HW SOL 47XUF-FF	WCB	13CR+HFS	3
GATE	400	16	125 CL.	UNDRILLFF	FLOWTURN	BBISY HW SOL 476 F TO F	CI	BRONZE	1
GATE	400	16	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL 406 F TO F	CI	BRONZE 13CR ST	2
GATE	400	16	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL 476 F TO F	CI	13CR	1
GATE	400	16	150 CL.	RFSF	APV	BBOSY GO FW	CF8	304	1
GATE	400	16	150 CL.	RFSF	JC	BBOSY GO FW NACE	WCB	13CR+HFS	5
GATE	400	16	150 CL.	RFSF	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HFS	5
GATE	400	16	150 CL.	UNDRILLRF	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HFS	2
GATE	400	16	300 CL.	RFSF	APV	BBOSY GO FW	CF8	304	1
GATE	400	16	300 CL.	RFSF	APV	BBOSY GO FW NACE	WCB	13CR+HFS	2
GATE	400	16	300 CL.	BWXS	APV	BBOSY GO FW NACE (WCB DUAL)	WCC	13CR+HFS	2
GATE	400	16	300 CL.	RFSF	APV	BBOSY GO FW FB NACE	WCC	13CR+HF	2
GATE	400	16	600 CL.	RTJUC	APV	BBOSY GO FW FB NACE	WCC		1
GATE	400	16	600 CL.	BW80	COLVES	BBOSY GO FW NACE	WCC	13CR+HFS	3
GATE	400	16	600 CL.	RTJUC	JC	BBOSY GO FW NACE	WCC	316+HF	2
GATE	400	16	PN16	UNDRILLRF	FLOWTURN	BBISY HW FW 476 F TO F	CI	BRONZE 13CR ST	1
GATE	400	16	PN16	UNDRILLRF	FLOWTURN	BBOSY HW FW 476 F TO F	CI	BRONZE 13CR ST	1
GATE	400	16	TABLE E	FF	FLOWTURN	BBISY HW SOL 406 F TO F	CI	BRONZE 13CR ST	2
GATE	400	16	TABLE E	FF	FLOWTURN	BBISY HW SOL 476 F TO F	CI	BRONZE 13CR ST	3
GATE	400	16	TABLE E	FF	FLOWTURN	BBOSY HW SOL 406 F TO F	CI	BRONZE 13CR ST	4
GATE	400	16	TABLE E	FF	FLOWTURN	BBOSY HW SOL 476 F TO F	CI	BRONZE 13CR ST	2
GATE	450	18	125 CL.	FF	FLOWTURN	BBOSY HW SOL 432 F TO F	CI	BRONZE 13CR ST	1
GATE	450	18	125 CL.	UNDRILLFF	FLOWTURN	BBISY HW SOL 432 F TO F	CI	13CR	1
GATE	450	18	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW SOL 432 F TO F	CI	BRONZE	1
GATE	450	18	150 CL.	RFSF	JC	BBOSY GO FW NACE	WCB	13CR+HFS	3
GATE	450	18	150 CL.	RFSF	APV	BBOSY HW FW P47XUF (WCB DUAL)	WCC	13CR+HFS	3



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE	450	18	300 CL.	RFSF	JC	BBOSY GO FW NACE	WCB	13CR+HFS	2
GATE	450	18	300 CL.	RFSF	APV	BBOSY GO FW 33XUF-G1	WCC	13CR+HFS	3
GATE	450	18	300 CL.	RFSF	APV	BBOSY GO FW FB NACE	WCC	13CR+HF	1
GATE	450	18	600 CL.	RFSF	APV	BBOSY GO FW NACE	WCB	13CR+HF	2
GATE	450	18	600 CL.	RFSF	FIRSA	BBOSY GO FW NACE	WCB	13CR+HFS	4
GATE	450	18	PN16	UNDRILLFF	FLOWTURN	BBISY HW SOL 432 F TO F	CI	13CR	1
GATE	450	18	PN16	UNDRILLFF	FLOWTURN	BBOSY HW SOL 432 F TO F	CI	BRONZE 13CR ST	1
GATE	450	18	TABLE D	FF	FLOWTURN	BBISY HW FW 510 F TO F	CI	BRONZE	1
GATE	450	18	TABLE E	FF	FLOWTURN	BBOSY HW SOL 432 F TO F	CI	BRONZE 13CR ST	3
GATE	450	18	TABLE E	FF	FLOWTURN	BBOSY HW SOL 505 F TO F	CI	BRONZE 13CR ST	1
GATE	500	20	125 CL.	FF	FLOWTURN	BBISY HW FW 457 F TO F	CI	BRONZE 13CR ST	2
GATE	500	20	150 CL.	RFSF	JC	BBOSY GO FW	WCB	13CR+HFS	3
GATE	500	20	150 CL.	BWSTD	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HFS	1
GATE	500	20	150 CL.	RFSF	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HFS	5
GATE	500	20	150 CL.	RFSF	APV	BBOSY GO FW (WCB DUAL)	WCC	13CR+HF	2
GATE	500	20	300 CL.	RFSF	APV	BBOSY GO FW	CF8M	316	2
GATE	500	20	300 CL.	RFSF	JC	BBOSY GO FW	WCB	13CR+HFS	1
GATE	500	20	300 CL.	RFSF	APV	BBOSY GO FW	WCC	13CR+HFS	2
GATE	500	20	600 CL.	RFSF	APV	BBOSY GO FW NACE	WCB	13CR+HF	1
GATE	500	20	TABLE E	FF	FLOWTURN	BBOSY HW SOL 457 F TO F	CI	BRONZE 13CR ST	2
GATE	500	20	TABLE E	FF	FLOWTURN	BBOSY HW SOL 457 F TO F	CI	BRONZE 13CR ST	1
GATE	500	20	TABLE E	FF	FLOWTURN	BBOSY HW SOL 510 F TO F	CI	BRONZE 13CR ST	1
GATE	600	24	150 CL.	RFSF	APV	BBOSY GO FW	WCB	13CR+HFS	1
GATE	600	24	150 CL.	RFSF	APV	BBOSY GO FW 0600AP47XUF1GJ	WCC	13CR+HFS	4
GATE	600	24	300 CL.	BWXS	APV	BBOSY GO FW	WCB	13CR+HFS	1
GATE	600	24	300 CL.	RFSF	APV	BBOSY GO FW	WCC	13CR+HFS	2
GATE	600	24	300 CL.	RFSF	JC	BBOSY GO FW	WCC	13CR+HFS	1
GATE	600	24	PN16	UNDRILLRF	FLOWTURN	BBISY GO SOL 508 F TO F	CI	BRONZE 13CR ST	1
GATE	600	24	TABLE E	FF	FLOWTURN	BBISY GO SOL	CI	BRONZE 13CR ST	3
GATE	600	24	TABLE E	FF	FLOWTURN	BBOSY GO SOL	CI	BRONZE 13CR ST	1
GATE	750	30	150 CL.	RFSF	APV	BBOSY GO FW NACE 0750AP47XUFNBGG B16.47/	WCB	13CR+HFS	1
GATE	750	30	150 CL.	RFSF	APV	BBOSY GO FW NACE B16.47B (API605)	WCC	13CR+HFS	1
GATE	750	30	TABLE D	FF	JOHNS	BBOSY GO FW	CI	IRON 13CR ST	1
GATE	900	36	TABLE E	FF	FLOWTURN	BBOSY GO FW	CI	13CR	1
GATE-KNIFE	50	2	150 CL.	LUGGED	ORBINOX	HWOP	CF8M	316+316 SEAT	7
GATE-KNIFE	50	2	TABLE E	LUGGED	OKM	ACTUATOR DA PNEU SMC	316	316+316 SEAT	32
GATE-KNIFE	50	2	TABLE E	LUGGED	OKM	HWOP	316	316+316 SEAT	153
GATE-KNIFE	50	2	TABLE E	LUGGED	FLOWTURN	HWOP	DI	316+NBR SEAT	7
GATE-KNIFE	65	2 1/2	TABLE E	LUGGED	FLOWTURN	HWOP	CF8M	316+EPDM SEAT	4
GATE-KNIFE	65	2 1/2	TABLE E	LUGGED	FLOWTURN	HWOP	DI	316+NBR SEAT	6
GATE-KNIFE	80	3	150 CL.	LUGGED	ADEPT	ACTUATOR SR PNEU	CF8M	316+PTFE SEAT	1
GATE-KNIFE	80	3	150 CL.	LUGGED	FLOWTURN	HWOP O-PORT	CF8M	316+PTFE SEAT	12
GATE-KNIFE	80	3	150 CL.	LUGGED	FLOWTURN	HWOP	CI	316+METAL SEAT	2
GATE-KNIFE	80	3	PN10	LUGGED	FLOWTURN	HWOP O-PORT	CF8M	316+PTFE SEAT	10
GATE-KNIFE	80	3	TABLE E	LUGGED	FLOWTURN	HWOP	CF8	304+304 SEAT	15
GATE-KNIFE	80	3	TABLE E	LUGGED	FLOWTURN	HWOP	CF8M	316+BUNA SEAT	7
GATE-KNIFE	80	3	TABLE E	LUGGED	OKM	ACTUATOR DA PNEU SMC	CF8M	316+316 SEAT	32
GATE-KNIFE	80	3	TABLE E	LUGGED	OKM	HWOP	CF8M	316+316 SEAT	100
GATE-KNIFE	80	3	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	22
GATE-KNIFE	100	4	125	LUGGED	ROVALVE	HWOP	CI	304+EURETHANE LINED	4
GATE-KNIFE	100	4	150	TAPPED	FLOWTURN	HWOP O-PORT	CF8M	316+PTFE SEAT	10
GATE-KNIFE	100	4	PN10	LUGGED	FLOWTURN	HWOP O-PORT	CF8M	316+PTFE SEAT	10
GATE-KNIFE	100	4	TABLE D	LUGGED	FLOWTURN	HWOP	CF8	304+NBR SEAT	3
GATE-KNIFE	100	4	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	14
GATE-KNIFE	100	4	TABLE E	LUGGED	FLOWTURN	HWOP	CF8	304+304 SEAT	6
GATE-KNIFE	100	4	TABLE E	LUGGED	FLOWTURN	HWOP	CF8	304+PTFE SEAT	3
GATE-KNIFE	100	4	TABLE E	LUGGED	FLOWTURN	ACTUATOR DA PNEU	CF8M	316+316 SEAT	4
GATE-KNIFE	125	5	TABLE E	WAFER	FLOWTURN	ACTUATOR DA PNEU	CI	316+METAL SEAT	1
GATE-KNIFE	125	5	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+METAL SEAT	2
GATE-KNIFE	125	5	TABLE E	WAFER	FLOWTURN	HWOP	DI	304+NBR SEAT	6
GATE-KNIFE	150	6	125 CL.	LUGGED	FLOWTURN	ACTUATOR DA PNEU	CI	316+NBR SEAT	1
GATE-KNIFE	150	6	150 CL.	LUGGED	FLOWTURN	HWOP	CF8M	316+316 SEAT	1
GATE-KNIFE	150	6	TABLE D	LUGGED	FLOWTURN	HWOP	CF8M	316+316 SEAT	4
GATE-KNIFE	150	6	TABLE E	LUGGED	FLOWTURN	HWOP	CF8	304+PTFE SEAT	3
GATE-KNIFE	150	6	TABLE E	LUGGED	FLOWTURN	HWOP	CF8	304+NBR SEAT	6
GATE-KNIFE	150	6	TABLE E	LUGGED	FLOWTURN	HWOP	CF8M	316+316 SEAT	4
GATE-KNIFE	150	6	TABLE E	TAPPED	FLOWTURN	HWOP	CI	304+NBR SEAT	8
GATE-KNIFE	150	6	TABLE E	TAPPED	FLOWTURN	HWOP	DI	304+METAL SEAT	4
GATE-KNIFE	200	8	125 CL.	LUGGED	DEZURIK	ACTUATOR DA PNEU	CF8	304+304 SEAT	1
GATE-KNIFE	200	8	125 CL.	LUGGED	FLOWTURN	HWOP	CF8	304+PTFE SEAT	2
GATE-KNIFE	200	8	125 CL.	LUGGED	FLOWTURN	HWOP	WCB	304+VITON SEAT	1

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GATE-KNIFE	200	8	TABLE D	LUGGED	FLOWTURN	HWOP	<b>316</b>	316+EPDM SEAT	<b>2</b>
GATE-KNIFE	200	8	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+VITON SEAT	<b>6</b>
GATE-KNIFE	200	8	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+PTFE SEAT	<b>6</b>
GATE-KNIFE	200	8	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>4</b>
GATE-KNIFE	250	10	125 CL.	UNDRILL	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>2</b>
GATE-KNIFE	250	10	125 CL.	UNDRILL	FLOWTURN	HWOP	DI	304+PTFE SEAT	<b>3</b>
GATE-KNIFE	250	10	TABLE D	LUGGED	FLOWTURN	HWOP	<b>CF8</b>	304+PTFE SEAT	<b>1</b>
GATE-KNIFE	250	10	TABLE D	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	316+316 SEAT	<b>2</b>
GATE-KNIFE	250	10	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>7</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	OKM	HWOP	<b>316</b>	316+NBR SEAT	<b>7</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8</b>	304+304 SEAT	<b>2</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8</b>	304+PTFE SEAT	<b>2</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	316+316 SEAT	<b>2</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	304+EPDM SEAT	<b>1</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>2</b>
GATE-KNIFE	250	10	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+VITON SEAT	<b>2</b>
GATE-KNIFE	300	12	125 CL.	LUGGED	FLOWTURN	ACTUATOR DA PNEU	<b>CF8M</b>	316+PTFE SEAT	<b>1</b>
GATE-KNIFE	300	12	125 CL.	LUGGED	FLOWTURN	HWOP	DI	304+PTFE SEAT	<b>1</b>
GATE-KNIFE	300	12	125 CL.	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>2</b>
GATE-KNIFE	300	12	TABLE D	LUGGED	FLOWTURN	ACTUATOR DA PNEU	DI	304+NBR SEAT	<b>2</b>
GATE-KNIFE	300	12	TABLE D	LUGGED	FLOWTURN	ACTUATOR DA PNEU	DI	304+METAL SEAT	<b>1</b>
GATE-KNIFE	300	12	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>8</b>
GATE-KNIFE	300	12	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+METAL SEAT	<b>2</b>
GATE-KNIFE	300	12	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+EPDM SEAT	<b>1</b>
GATE-KNIFE	300	12	TABLE E	LUGGED	FLOWTURN	ACTUATOR DA PNEU	<b>CF8</b>	304+PTFE SEAT	<b>2</b>
GATE-KNIFE	300	12	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	316+PTFE SEAT	<b>3</b>
GATE-KNIFE	350	14	125 CL.	LUGGED	DEZURIK	ACTUATOR DA PNEU	<b>316</b>	316+METAL SEAT	<b>1</b>
GATE-KNIFE	350	14	125 CL.	LUGGED	FLOWTURN	ACTUATOR DA PNEU	<b>CF8M</b>	316+PTFE SEAT	<b>1</b>
GATE-KNIFE	350	14	TABLE D	LUGGED	FLOWTURN	HWOP	DI	316+METAL SEAT	<b>1</b>
GATE-KNIFE	350	14	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>1</b>
GATE-KNIFE	400	16	125 CL.	LUGGED	DEZURIK	ACTUATOR DA PNEU	<b>316</b>	316+316 SEAT	<b>1</b>
GATE-KNIFE	400	16	125 CL.	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>1</b>
GATE-KNIFE	400	16	125 CL.	LUGGED	FLOWTURN	HWOP	WCB	13CR+METAL SEAT	<b>1</b>
GATE-KNIFE	400	16	TABLE E	LUGGED	FLOWTURN	ACTUATOR DA PNEU	<b>CF8</b>	304+NBR SEAT	<b>1</b>
GATE-KNIFE	400	16	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8</b>	304+304 SEAT	<b>1</b>
GATE-KNIFE	400	16	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	316+PTFE SEAT	<b>2</b>
GATE-KNIFE	400	16	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>3</b>
GATE-KNIFE	400	16	TABLE E	LUGGED	FLOWTURN	ACTUATOR DA PNEU	WCB	304+NBR SEAT	<b>2</b>
GATE-KNIFE	450	18	125 CL.	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>3</b>
GATE-KNIFE	450	18	125 CL.	LUGGED	FLOWTURN	ACTUATOR DA PNEU	WCB	304+METAL SEAT	<b>1</b>
GATE-KNIFE	450	18	125 CL.	LUGGED	FLOWTURN	HWOP	WCB	316+METAL SEAT	<b>2</b>
GATE-KNIFE	450	18	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>2</b>
GATE-KNIFE	450	18	TABLE D	LUGGED	FLOWTURN	HWOP	WCB	316+METAL SEAT	<b>1</b>
GATE-KNIFE	450	18	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	316+316 SEAT	<b>1</b>
GATE-KNIFE	450	18	TABLE E	LUGGED	FLOWTURN	HWOP	<b>CF8M</b>	316+PTFE SEAT	<b>1</b>
GATE-KNIFE	450	18	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>1</b>
GATE-KNIFE	500	20	TABLE E	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>1</b>
GATE-KNIFE	500	20	TABLE E	LUGGED	FLOWTURN	HWOP	WCB	316+METAL SEAT	<b>1</b>
GATE-KNIFE	500	20	TABLE E	LUGGED	FLOWTURN	HWOP	WCB	304+NBR SEAT	<b>2</b>
GATE-KNIFE	600	24	TABLE D	LUGGED	FLOWTURN	HWOP	DI	316+PTFE SEAT	<b>1</b>
GATE-KNIFE	600	24	TABLE D	LUGGED	FLOWTURN	HWOP	DI	304+NBR SEAT	<b>1</b>
GLOBE	8	1/4	2500 CL.	NPT	APV	FB WBOSY HW <b>Y TYPE</b>	<b>316</b>	316+HFS	<b>2</b>
GLOBE	10	3/8	1500 CL.	NPT	APV	RB BBOSY HW PD NACE	<b>316</b>	316	<b>4</b>
GLOBE	10	3/8	1500 CL.	BW80	APV	<b>FB</b> BBOSY HW PD NACE	A105N	13CR+HFS	<b>9</b>
GLOBE	10	3/8	2500 CL.	SW	APV	FB WBOSY HW <b>Y TYPE</b>	A105N	13CR+HF	<b>4</b>
GLOBE	15	1/2	150 CL.	RFSF	APV	RB BBOSY HW PD INTEG	<b>316</b>	316	<b>23</b>
GLOBE	15	1/2	150 CL.	RFSF	APV	RB BBOSY HW PD INTEG	A105N	13CR+HF	<b>25</b>
GLOBE	15	1/2	150 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	A105N	13CR+HFS	<b>20</b>
GLOBE	15	1/2	150 CL.	RFSF	APV	FB BBOSY HW PD INTEG	<b>CF8</b>	304+HFS	<b>5</b>
GLOBE	15	1/2	300 CL.	RFSF	APV	FB BBOSY HW PD INTEG NACE	<b>CF8M</b>	316	<b>10</b>
GLOBE	15	1/2	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	LF2	13CR+HFS	<b>20</b>
GLOBE	15	1/2	600 CL.	RFSF	BONNEY FORGE	RB BBOSY HW PD	<b>316/L</b>	316+HFS FEP	<b>5</b>
GLOBE	15	1/2	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	A105N	13CR+HFS	<b>180</b>
GLOBE	15	1/2	600 CL.	BW80	APV	RB BBOSY HW PD INTEG	<b>F11</b>	13CR+HF	<b>2</b>
GLOBE	15	1/2	600 CL.	RFSF	APV	RB BBOSY HW PD NACE INTEG	<b>LF2</b>	316+HFS	<b>12</b>
GLOBE	15	1/2	800 CL.	BSP	APV	RB BBOSY HW PD	<b>304/L</b>	304/L+HFS	<b>10</b>
GLOBE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW PD	<b>304/L</b>	304/L+HFS	<b>10</b>
GLOBE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW PD	<b>316/L</b>	316+HF	<b>70</b>
GLOBE	15	1/2	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW PD DUAL 316	<b>316/L</b>	316L FEP	<b>30</b>
GLOBE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW PD NACE	A105N	13CR+HF	<b>50</b>
GLOBE	15	1/2	800 CL.	NPT	APV	RB BBOSY HW PD <b>SDNR</b>	A105N	13CR+HFS	<b>15</b>

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	15	1/2	800 CL.	NPT	APV	RB WBOSY HW PD <b>BELLOW SEAL</b>	A105N	13CR+HF	10
GLOBE	15	1/2	800 CL.	NPT	JC	RB BBOSY HW PD NACE	A105N	13CR+HFS	40
GLOBE	15	1/2	1500 CL.	SW	APV	FB WBOSY HW PD DUAL 316	<b>316/L</b>	316	17
GLOBE	15	1/2	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW PD DUAL 316	<b>316/L</b>	316+HFS FEP	12
GLOBE	15	1/2	1500 CL.	BW80	APV	SB BBOSY HW PD NACE	A105N	316+HF	7
GLOBE	15	1/2	1500 CL.	BW80	APV	SB BBOSY HW PD NACE <b>Y-TYPE</b>	A105N	13CR+HFS	20
GLOBE	15	1/2	1500 CL.	NPT	APV	FB WBOSY HW <b>Y TYPE</b> NACE	A105N	13CR+HF	10
GLOBE	15	1/2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	A105N	13CR+HFS	70
GLOBE	15	1/2	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW PD NACE	A105N	13CR+HFS FEP	16
GLOBE	15	1/2	1500 CL.	NPT	BONNEY FORGE	SB WBOSY HW PD NACE	A105N	13CR+HFS FEP	20
GLOBE	15	1/2	1500 CL.	BW160	APV	SB WBOSY HW PD INTEG	<b>F11</b>	316+HFS	8
GLOBE	15	1/2	1500 CL.	SW	APV	SB WBOSY HW <b>Y-TYPE</b>	<b>F11</b>	13CR+HF	3
GLOBE	15	1/2	1500 CL.	BW160	APV	SB BBOSY HW PD NACE	<b>LF2</b>	316+HF	7
GLOBE	15	1/2	1500 CL.	RTJUC	APV	SB BBOSY HW PD INTEG NACE	<b>LF2</b>	316+HF	6
GLOBE	15	1/2	1690 CL.	BW160	APV	FB WBOSY HW <b>Y TYPE</b>	A105N	13CR+HF	10
GLOBE	15	1/2	2500 CL.	RFSF	APV	SB PSBOSY HW PD	<b>316</b>	316+HFS	2
GLOBE	15	1/2	2500 CL.	NPT	APV	FB WBOSY HW <b>Y TYPE</b>	<b>316/L</b>	316+HF	4
GLOBE	15	1/2	2500 CL.	NPT	APV	SB BBOSY HW PD NACE	A105N	13CR+HF	11
GLOBE	15	1/2	2500 CL.	RTJ	BFE	RB BBOSY HW PD INTEG	A105N	13CR+HF	3
GLOBE	15	1/2	2500 CL.	BW160	APV	FB WBOSY HW <b>Y TYPE</b>	<b>F22</b>	316+HF	6
GLOBE	15	1/2	2500 CL.	SW	APV	SB WBOSY HW PD	<b>F22</b>	F22+HF	5
GLOBE	15	1/2	2500 CL.	BW160	APV	FB PSBOSY HW PD	<b>LF2</b>	316+HF	18
GLOBE	15	1/2	4500 CL.	GRAYLOK	MATSURA	SB SCB HW PD 310K	<b>F347</b>	F347SHF	73
GLOBE	15	1/2	6000 PSI	NPT	AGCO	FB SCB HW PD <b>EXT BONNET HT</b>	<b>316</b>	316	112
GLOBE	15	1/2	TABLE H	UNDRILLFF	FLOWTURN	FB SCB HW PD	<b>BRZ</b>	BRONZE	2
GLOBE	15	1/2	TABLE R	RFSF	FLOWTURN	FB BBOSY HW PD INTEG	A105N	13CR+HFS	6
GLOBE	20	3/4	150 CL.	RFSF	APV	RB BBOSY HW PD INTEG	A105N	13CR+HFS	119
GLOBE	20	3/4	150 CL.	RFSF	APV	FB BBOSY HW PD	<b>CF3M</b>	316L+HFS	14
GLOBE	20	3/4	150 CL.	RFSF	OMB	RB BBOSY HW PD INTEG	<b>F5</b>	13CR+HF	23
GLOBE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG	A105N	13CR+HFS	80
GLOBE	20	3/4	300 CL.	UNDRILLRF	APV	RB BBOSY HW PD INTEG <b>SDNR</b>	A105N	13CR+HFS	4
GLOBE	20	3/4	300 CL.	RFSF	HATTERSLEY	RB WBOSY HW PD <b>BELLOW SEAL</b>	A105N	13CR+HFS	6
GLOBE	20	3/4	300 CL.	RFSF	APV	FB BBOSY HW PD INTEG	<b>A20</b>	ALLOY 20	1
GLOBE	20	3/4	300 CL.	RFSF	APV	FB BBOSY HW PD	<b>CF8M</b>	316	17
GLOBE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG	<b>F11</b>	316+HF	4
GLOBE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG	<b>F5</b>	13CR+HFS	13
GLOBE	20	3/4	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG	<b>LF2</b>	316+HF	7
GLOBE	20	3/4	600 CL.	RFSF	BONNEY FORGE	RB BBOSY HW PD 316 DUAL INTEG	<b>316/L</b>	316+HFS FEP	3
GLOBE	20	3/4	600 CL.	BW80	APV	RB WBOSY HW PD	A105N	13CR+HFS	4
GLOBE	20	3/4	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	A105N	13CR+HFS	18
GLOBE	20	3/4	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	<b>F11</b>	316+HF	4
GLOBE	20	3/4	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	<b>F5</b>	13CR+HFS	3
GLOBE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW PD DUAL 316	<b>316/L</b>	316	28
GLOBE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW PD	A105N	13CR+HF	100
GLOBE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW <b>Y TYPE</b>	A105N	13CR+HFS	20
GLOBE	20	3/4	800 CL.	SW	APV	RB BBOSY HW PD <b>SDNR</b>	A105N	13CR+HFS	20
GLOBE	20	3/4	800 CL.	SW	APV	RB WBOSY HW PD <b>BELLOW SEAL</b>	A105N	13CR+HFS	16
GLOBE	20	3/4	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW PD	A105N	13CR+HFS FEP	100
GLOBE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW PD	<b>F11</b>	13CR+HF	10
GLOBE	20	3/4	800 CL.	BSP	APV	RB BBOSY HW PD	<b>LF2</b>	316+HFS	7
GLOBE	20	3/4	800 CL.	BW80	APV	RB BBOSY HW PD	<b>LF2</b>	316+HFS	7
GLOBE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW PD	<b>LF2</b>	316+HFS	7
GLOBE	20	3/4	800 CL.	NPT	APV	RB BBOSY HW PD NACE	<b>LF2</b>	316+HF	30
GLOBE	20	3/4	1500 CL.	RTJUC	APV	SB BBOSY HW PD INTEG NACE	<b>316</b>	316+HF	8
GLOBE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW PD 316 DUAL	<b>316/L</b>	316+HFS	5
GLOBE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW <b>Y TYPE</b> NACE	<b>316/L</b>	316	4
GLOBE	20	3/4	1500 CL.	NPT	APV	FB WBOSY HW <b>Y TYPE</b>	A105N	13CR+HF	3
GLOBE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	A105N	13CR+HF	70
GLOBE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW <b>Y TYPE SDNR</b>	A105N	13CR+HFS	4
GLOBE	20	3/4	1500 CL.	NPT	APV	SB <b>WBOSY</b> HW PD NACE	A105N	13CR+HF	12
GLOBE	20	3/4	1500 CL.	RTJUC	APV	SB BBOSY HW PD INTEG	A105N	316+HF	20
GLOBE	20	3/4	1500 CL.	SW	APV	FB BBOSY HW <b>Y TYPE</b>	A105N	13CR+HFS	20
GLOBE	20	3/4	1500 CL.	BW160	APV	FB WBOSY HW PD	<b>F11</b>	316+HF	6
GLOBE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW PD	<b>F11</b>	13CR+HF	7
GLOBE	20	3/4	1500 CL.	SW	APV	SB WBOSY HW PD	<b>F11</b>	13CR+HF	3
GLOBE	20	3/4	1500 CL.	SW	APV	SB WBOSY HW <b>Y TYPE</b>	<b>F11</b>	13CR+HF	2
GLOBE	20	3/4	1500 CL.	BW160	APV	SB PSBOSY HW <b>Y TYPE</b> PD INTEG	<b>F22</b>	316+HF	8
GLOBE	20	3/4	1500 CL.	BW160	APV	SB WBOSY HW <b>Y TYPE</b>	<b>F22</b>	316+HF	6
GLOBE	20	3/4	1500 CL.	NPT	APV	SB BBOSY HW PD SB NACE	<b>LF2</b>	316+HFS	16
GLOBE	20	3/4	1500 CL.	RTJ	APV	SB BBOSY HW PD NACE INTEG	<b>LF2</b>	316+HF	20
GLOBE	20	3/4	1690 CL.	BW160	APV	FB WBOSY HW <b>Y TYPE</b>	A105N	13CR+HF	6

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	20	3/4	1690 CL.	SW	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	4
GLOBE	20	3/4	2500 CL.	NPT	APV	SB BBOSY HW PD DUAL 316	316/L	316+HFS	2
GLOBE	20	3/4	2500 CL.	BW160	APV	FB PSBOSY HW PD NACE	A105N	316+HF	3
GLOBE	20	3/4	2500 CL.	BW160	APV	FB WBOSY HW PD NACE	A105N	13CR+HF	3
GLOBE	20	3/4	2500 CL.	SW	APV	SB WBOSY HW PD NACE	A105N	13CR+HF	3
GLOBE	20	3/4	2500 CL.	BW160	APV	FB PSBOSY HW PD	F22	316+HFS	3
GLOBE	20	3/4	2500 CL.	BWXXS	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	2
GLOBE	20	3/4	2500 CL.	SW	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	4
GLOBE	20	3/4	2500 CL.	NPTXSW	APV	FB PSBOSY HW PD	LF2	316	15
GLOBE	20	3/4	2500 CL.	RTJ	APV	FB PSBOSY HW PD NACE	LF2	316+HF	2
GLOBE	20	3/4	2500 CL.	BWXXS	APV	FB PSBOSY HW PD Y TYPE FB NACE INTEG	LF3	316+HF	12
GLOBE	20	3/4	2680 CL.	BWXXS	ROCKWELL-ED	FB WBOSY HW Y TYPE UNI-V	F22	13CR+HFS	5
GLOBE	20	3/4	TABLE K	UNDRILLRF	APV STEAMCO	SB BBOSY HW PD SDNR	A105N	13CR+HFS	4
GLOBE	20	3/4	TABLE R	UNDRILL	APV	SB BBOSY HW PD	A105N	13CR+HFS	10
GLOBE	20	3/4	TABLE S	RFSF	APV/STEAMCO	FB HW PD SDNR	C/S	316	3
GLOBE	20	3/4	TABLE T	UNDRILLRF	JOHN	FB BBOSY HW PD	C/S	316+HF	4
GLOBE	25	1	150 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	A105N	316+HFS	33
GLOBE	25	1	150 CL.	RFSF	APV	FB BBOSY HW PD	CF8M	316	17
GLOBE	25	1	150 CL.	RFSF	BONNEY FORGE	RB BBOSY HW PD INTEG MESC	F51	F51+HFS FEP	4
GLOBE	25	1	150 CL.	RFSF	APV	RB BBOSY HW PD INTEG	MONEL	MONEL+PTFE SEAT	2
GLOBE	25	1	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG DUAL 316	316	316L+HFS	14
GLOBE	25	1	300 CL.	UNDRILLRF	APV	RB BBOSY HW PD NACE SDNR	A105N	13CR+HFS	6
GLOBE	25	1	300 CL.	RFSF	APV	FB BBOSY HW PD INTEG	CF8M	316	12
GLOBE	25	1	300 CL.	RFSF	APV	RB BBOSY HW PD INTEG	LF2	316+HF	14
GLOBE	25	1	300 CL.	RFSF	BONNEY FORGE	RB BBOSY HW PD NACE	LF2	13CR+HFS FEP	14
GLOBE	25	1	600 CL.	UNDRILLRF	APV	RB BBOSY HW PD	316	316+HF	2
GLOBE	25	1	600 CL.	RTJUC	BONNEY FORGE	RB BBOSY HW PD INTEG NACE	316/L	316+HFS FEP	8
GLOBE	25	1	600 CL.	RFSF	LVF	RB WBOSY HW PD EXT BONNET CRYO	316/L	316L	2
GLOBE	25	1	600 CL.	RFSF	APV	RB BBOSY HW PD NACE	A105N	13CR+HF	24
GLOBE	25	1	600 CL.	RTJUC	APV	RB BBOSY HW PD INTEG NACE	A105N	13CR+HF	29
GLOBE	25	1	600 CL.	UNDRILLRF	APV	RB BBOSY HW PD SDNR	A105N	13CR+HF	2
GLOBE	25	1	600 CL.	BW80	APV	RB BBOSY HW PD INTEG	F11	13CR+HF	4
GLOBE	25	1	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG	F11	13CR+HF	2
GLOBE	25	1	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG NACE	F5	13CR+HFS	3
GLOBE	25	1	600 CL.	RFSF	APV	RB BBOSY HW PD INTEG	F51	F51+HFS	3
GLOBE	25	1	800 CL.	BSP	APV	RB BBOSY HW PD	316	316	10
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW PD	304/L	304	3
GLOBE	25	1	800 CL.	SW	APV	RB WBOSY HW PD	316/L	316+HFS	3
GLOBE	25	1	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW PD DUAL 316	316/L	316+HFS FEP	40
GLOBE	25	1	800 CL.	BSP	APV	FB BBOSY HW PD	A105N	13CR+HFS	20
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW PD	A105N	13CR+HFS	120
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW PD SDNR	A105N	13CR+HF	10
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW Y TYPE SDNR	A105N	13CR+HFS	10
GLOBE	25	1	800 CL.	NPT	APV	RB WBOSY HW PD	A105N	13CR+HFS	60
GLOBE	25	1	800 CL.	SW	APV	RB WBOSY HW PD BELLOW SEAL	A105N	13CR+HF	15
GLOBE	25	1	800 CL.	SW	APV	RB WBOSY HW Y TYPE	A105N	13CR+HFS	9
GLOBE	25	1	800 CL.	BW80	APV	RB BBOSY HW PD RB INTEG	F11	316+HF	1
GLOBE	25	1	800 CL.	SW	APV	RB WBOSY HW PD	F11	13CR+HFS	3
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW PD	F22	13CR+HF	10
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW PD	F5	13CR+HFS	6
GLOBE	25	1	800 CL.	BSP	APV	RB BBOSY HW PD	LF2	316+HF	40
GLOBE	25	1	800 CL.	NPT	APV	RB BBOSY HW PD	LF2	316	20
GLOBE	25	1	800 CL.	NPT	JC	RB BBOSY HW PD	LF2	316+HF	10
GLOBE	25	1	1500 CL.	RTJUC	APV	SB BBOSY HW PD INTEG	316	316+HF	10
GLOBE	25	1	1500 CL.	NPT	APV	SB BBOSY HW PD DUAL 316	316/L	316+HF	15
GLOBE	25	1	1500 CL.	NPT	APV	SB BBOSY HW PD NACE DUAL 316	316/L	316	20
GLOBE	25	1	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW PD 316 DUAL	316/L	316+HFS FEP	18
GLOBE	25	1	1500 CL.	NPT	APV	SB BBOSY HW PD	A105N	316+HF	48
GLOBE	25	1	1500 CL.	NPT	APV	SB BBOSY HW PD SDNR	A105N	13CR+HF	2
GLOBE	25	1	1500 CL.	NPT	APV	SB WBOSY HW Y TYPE	A105N	13CR+HFS	7
GLOBE	25	1	1500 CL.	NPT	APV	SB WBOSY HW Y TYPE SDNR	A105N	13CR+HFS	5
GLOBE	25	1	1500 CL.	NPTXSW	APV	SB BBOSY HW PD	A105N	13CR+HFS	50
GLOBE	25	1	1500 CL.	RTJUC	APV	SB WBOSY HW Y TYPE	A105N	316+HFS	2
GLOBE	25	1	1500 CL.	SW	APV	SB BBOSY HW PD	A105N	13CR+HFS	300
GLOBE	25	1	1500 CL.	RTJUC	APV STEAMCO	SB BBOSY HW PD SDNR	A105N	13CR+HFS	4
GLOBE	25	1	1500 CL.	RTJUC	BONNEY FORGE	SB BBOSY HW PD INTEG NACE	A105N	316+HF FEP	26
GLOBE	25	1	1500 CL.	NPT	JC	SB BBOSY HW PD NACE	A105N	13CR+HFS	35
GLOBE	25	1	1500 CL.	BW160	APV	FB WBOSY HW PD	F11	316+HF	3
GLOBE	25	1	1500 CL.	NPT	APV	SB BBOSY HW PD	F11	13CR+HF	6
GLOBE	25	1	1500 CL.	SW	APV	RB WBOSY HW Y TYPE	F11	13CR+HF	7
GLOBE	25	1	1500 CL.	BW160	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	6

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	25	1	1500 CL.	NPT	APV	FB WBOSY HW PD	F22	13CR+HF	3
GLOBE	25	1	1500 CL.	NPT	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	6
GLOBE	25	1	1500 CL.	UNDRILLRF	APV	SB BBOSY HW PD	F22	13CR+HF	3
GLOBE	25	1	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW PD	F22	13CR+HFS FEP	3
GLOBE	25	1	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	LF2	316+HF	15
GLOBE	25	1	1500 CL.	RTJUC	APV	FB BBOSY HW PD INTEG NACE	LF2	316+HFS	46
GLOBE	25	1	1690 CL.	BW80	APV	FB WBOSY HW Y TYPE	A105N	13CR+HF	8
GLOBE	25	1	2500 CL.	BWXXS	APV	FB PSBOSY HW PD NACE DUAL 316	316/L	316+HF	3
GLOBE	25	1	2500 CL.	NPT	JC	SB BBOSY HW PD NACE	316/L	316+HF	4
GLOBE	25	1	2500 CL.	BW160	APV	FB WBOSY HW Y TYPE	A105N	13CR+HF	6
GLOBE	25	1	2500 CL.	NPT	APV	FB WBOSY HW Y TYPE NACE	A105N	13CR+HF	6
GLOBE	25	1	2500 CL.	NPT	APV	SB BBOSY HW PD NACE	A105N	13CR+HF	20
GLOBE	25	1	2500 CL.	SW	APV	SB PSB HW Y TYPE SDNR	A105N	13CR+HF	4
GLOBE	25	1	2500 CL.	BW160	APV	FB WBOSY HW PD	F22	13CR+HF	2
GLOBE	25	1	2500 CL.	BWXXS	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	2
GLOBE	25	1	2500 CL.	SW	BONNEY FORGE	SB BBOSY HW PD NACE	F22	13CR+HFS FEP	1
GLOBE	25	1	2500 CL.	RTJ	BONNEY FORGE	FB BBOSY HW PD NACE MESC	F51	F51+HFS FEP	4
GLOBE	25	1	2500 CL.	BW160	APV	FB PSBOSY HW PD NACE	LF2	316+HFS	3
GLOBE	25	1	2500 CL.	NPT	APV	SB BBOSY HW PD NACE	LF2	316+HF	3
GLOBE	25	1	2500 CL.	SW	APV	FB WBOSY HW PD NACE (A105 DUAL)	LF2	13CR+HF	9
GLOBE	25	1	2500 CL.	RTJ	BONNEY FORGE	FB BBOSY HW PD INTEG NACE	LF2	316+HF FEP	7
GLOBE	25	1	2680 CL.	SW	APV	SB WBOSY HW PD Y TYPE	A105N	13CR+HF	6
GLOBE	25	1	4500 CL.	SW	FASANI	FB WBOSY HW PD Y TYPE NACE	F22	316+HF	3
GLOBE	25	1	TABLE E	UNDRILLFF	APV STEAMCO	FB BBOSY HW PD INTEG SDNR	BRZ	BRONZE	3
GLOBE	25	1	TABLE H	RFSF	APV STEAMCO	FB BBOSY HW PD SDNR	A105N	13CR+HFS	6
GLOBE	25	1	TABLE H	UNDRILLFF	FLOWTURN	FB UBOSY HW PD	BRZ	BRONZE	3
GLOBE	32	1 1/4	900 CL.	BW80	APV	SB WBOSY HW Y TYPE	F11	13CR+HF	6
GLOBE	32	1 1/4	1500 CL.	NPT	APV	SB BBOSY HW Y TYPE	A105N	316+HF	3
GLOBE	32	1 1/4	1690 CL.	BWXXS	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	4
GLOBE	32	1 1/4	2500 CL.	BWXXS	APV	FB PSBOSY HW	F22	13CR+HF	4
GLOBE	32	1 1/4	2500 CL.	BWXXS	APV	FB PSBOSY HW PD	F22	13CR+HF	2
GLOBE	32	1 1/4	2500 CL.	BWXXS	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	7
GLOBE	32	1 1/4	2500 CL.	BWXXS	APV	SB PSBOSY HW PD DP INTEG	F22	316+HF	3
GLOBE	32	1 1/4	4500 CL.	BWXXS	APV	FB WBOSY HW Y TYPE	F22	13CR+HF	1
GLOBE	40	1 1/2	150 CL.	RFSF	MEMACK	FB SBI5Y HW PD INTEG	BRZ	BRONZE	8
GLOBE	40	1 1/2	150 CL.	RFSF	APV	FB BBOSY HW PD (CF8M DUAL)	CF3M	316	16
GLOBE	40	1 1/2	150 CL.	RFSF	APV	FB BBOSY HW PD	CF8	304	5
GLOBE	40	1 1/2	150 CL.	UNDRILLRF	APV	FB BBOSY HW PD SDNR	CF8M	316	1
GLOBE	40	1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BBOSY HW PD	LF2	316+HF FEP	8
GLOBE	40	1 1/2	150 CL.	RFSF	APV	FB BBOSY HW PD NACE INTEG	WCB	13CR+HFS	20
GLOBE	40	1 1/2	300 CL.	RFSF	APV	RB BBOSY HW PD SDNR	A105N	316+HF	11
GLOBE	40	1 1/2	300 CL.	UNDRILLRF	APV	FB BBOSY HW PD SDNR	A105N	13CR+HFS	16
GLOBE	40	1 1/2	300 CL.	UNDRILLRF	APV	FB BBOSY HW PD SDNR	BRZ	BRONZE	1
GLOBE	40	1 1/2	300 CL.	RFSF	APV	FB BBOSY HW PD	CF8M	316+HFS	14
GLOBE	40	1 1/2	300 CL.	UNDRILLRF	APV	FB BBOSY HW PD SDNR	CF8M	316	2
GLOBE	40	1 1/2	300 CL.	RFSF	BONNEY FORGE	FB BBOSY HW PD INTEG	LF2	13CR+HFS FEP	11
GLOBE	40	1 1/2	300 CL.	UNDRILLRF	APV	FB BBOSY HW PD	WCB	13CR+HFS	10
GLOBE	40	1 1/2	600 CL.	RTJUC	BONNEY FORGE	RB BBOSY HW PD INTEG	316/L	316+HFS FEP	4
GLOBE	40	1 1/2	600 CL.	RTJUC	APV	RB BBOSY HW PD NACE	A105N	13CR+HF	7
GLOBE	40	1 1/2	600 CL.	UNDRILLRF	APV	RB BBOSY HW PD NACE SDNR	A105N	13CR+HF	2
GLOBE	40	1 1/2	600 CL.	BW80	APV	RB BBOSY HW PD INTEG NACE	F11	316+HF	4
GLOBE	40	1 1/2	600 CL.	RTJUC	APV	SB BBOSY HW PD INTEG	F11	13CR+HF	2
GLOBE	40	1 1/2	600 CL.	RFSF	APV	FB BBOSY HW PD DUAL F11	F22	13CR+HF	1
GLOBE	40	1 1/2	600 CL.	RFSF	BONNEY FORGE	FB BBOSY HW PD INTEG NACE	LF2	316+HF FEP	20
GLOBE	40	1 1/2	600 CL.	RFSF	BONNEY FORGE	SB BBOSY HW PD INTEGRAL	LF2	13CR+HFS FEP	16
GLOBE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW PD DUAL 316	316/L	316+HFS	80
GLOBE	40	1 1/2	800 CL.	BSPT	APV	RB BBOSY HW PD	A105N	13CR+HFS	14
GLOBE	40	1 1/2	800 CL.	BW80	APV	RB BBOSY HW PD NACE	A105N	13CR+HF	6
GLOBE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW PD SDNR	A105N	13CR+HF	6
GLOBE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW Y TYPE	A105N	13CR+HFS	2
GLOBE	40	1 1/2	800 CL.	NPT	APV	RB WBOSY HW PD	A105N	13CR+HF	8
GLOBE	40	1 1/2	800 CL.	SW	APV	RB WBOSY HW PD BELLOWS SEAL	A105N	13CR+HF	8
GLOBE	40	1 1/2	800 CL.	NPT	JC	RB BBOSY HW PD	A105N	13CR+HFS	98
GLOBE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW PD NACE	F11	13CR+HF	2
GLOBE	40	1 1/2	800 CL.	NPT	APV	RB BBOSY HW PD	F5	13CR+HFS	3
GLOBE	40	1 1/2	800 CL.	NPT	BONNEY FORGE	RB BBOSY HW PD NACE	LF2	316+HF FEP	14
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW PD 316 DUAL	316/L	316+HFS	6
GLOBE	40	1 1/2	1500 CL.	RTJUC	BONNEY FORGE	RB BBOSY HW PD INTEG	316/L	316+HF FEP	3
GLOBE	40	1 1/2	1500 CL.	BW160	APV	SB BBOSY HW PD NACE	A105N	13CR+HF	5
GLOBE	40	1 1/2	1500 CL.	BW160	APV	SB WBOSY HW PD NACE	A105N	316+HF	4
GLOBE	40	1 1/2	1500 CL.	NPT	APV	FB WBOSY HW Y TYPE	A105N	13CR+HF	3



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	A105N	13CR+HF	8
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB WBOSY HW PD NACE	A105N	13CR+HF	8
GLOBE	40	1 1/2	1500 CL.	RTJ	APV	SB BBOSY HW PD NACE	A105N	13CR+HFS	22
GLOBE	40	1 1/2	1500 CL.	SW	APV	FB WBOSY HW PD <b>Y TYPE SDNR</b>	A105N	13CR+HF	3
GLOBE	40	1 1/2	1500 CL.	NPT	JC	SB BBOSY HW PD NACE	A105N	13CR+HF	10
GLOBE	40	1 1/2	1500 CL.	BW160	APV	FB BBOSY HW <b>Y-TYPE</b>	<b>F11</b>	316+HF	4
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	<b>F11</b>	13CR+HF	2
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW PD <b>SDNR</b>	<b>F11</b>	13CR+HF	3
GLOBE	40	1 1/2	1500 CL.	BW160	JC	SB BBOSY HW	<b>F11</b>	13CR+HF	7
GLOBE	40	1 1/2	1500 CL.	SW	APV	SB BBOSY HW	<b>F22</b>	13CR+HF	4
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE <b>SDNR</b>	<b>F5</b>	13CR+HF	2
GLOBE	40	1 1/2	1500 CL.	NPT	APV	RB BBOSY HW PD NACE	<b>LF2</b>	316+HFS	5
GLOBE	40	1 1/2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	<b>LF2</b>	316+HF	8
GLOBE	40	1 1/2	1500 CL.	RTUC	APV	RB BBOSY HW PD INTEG NACE	<b>LF2</b>	316+HF	25
GLOBE	40	1 1/2	2500 CL.	BW160	APV	FB PSBOSY HW PD	A105N	13CR+HF	1
GLOBE	40	1 1/2	2500 CL.	NPT	APV	SB PSBOSY HW PD	A105N	13CR+HF	5
GLOBE	40	1 1/2	2500 CL.	SW	APV	FB PSBOSY HW <b>Y TYPE</b>	A105N	13CR+HF	2
GLOBE	40	1 1/2	2500 CL.	RFSF	BONNEY FORGE	FB BBOSY HW PD INTEG	A105N	13CR+HFS FEP	2
GLOBE	40	1 1/2	2500 CL.	SW	APV	SB PSBOSY HW <b>Y TYPE</b>	<b>F11</b>	13CR+HF	2
GLOBE	40	1 1/2	BST-T T	UNDRILLRF	JOHNS	FB BBOSY HW PD INTEG	WCB	13CR	4
GLOBE	40	1 1/2	PN16	UNDRILLFF	APV	FB BBOSY HW PD INTEG	<b>BRZ</b>	BRONZE	7
GLOBE	40	1 1/2	PN16	UNDRILLRF	APV	FB BBOSY HW PD INTEG <b>SDNR</b>	<b>CF8M</b>	316	1
GLOBE	40	1 1/2	TABLE E	UNDRILLFF	FLOWTURN	FB SCBISY HW PD	<b>BRZ</b>	BRZ	7
GLOBE	40	1 1/2	TABLE H	UNDRILLRF	APV	FB BBOSY HW PD	<b>BRZ</b>	BRONZE	1
GLOBE	50	2	125 CL.	FF	FLOWTURN	BBOSY HW PD	CI	BRONZE	10
GLOBE	50	2	150 CL.	RFSF	BONNEY FORGE	BBOSY HW PD NACE	A105N	13CR+HFS FEP	10
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW PD	<b>CF8</b>	304	2
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW PD NACE	<b>CF8M</b>	316+HFS	11
GLOBE	50	2	150 CL.	UNDRILLRF	APV	BBOSY HW PD <b>SDNR</b>	<b>CF8M</b>	316	4
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW PD NACE	<b>LCB</b>	13CR+HFS	8
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW PD NACE <b>EXT BONNET (WCC &amp; LCB</b>	<b>LCC</b>	316+HF	10
GLOBE	50	2	150 CL.	RFSF	BONNEY FORGE	BBOSY HW PD NACE	LF2	316+HF FEP	16
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW <b>Y TYPE</b>	<b>MONEL</b>	MONEL	4
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW PD	<b>WC6</b>	316+HFS	1
GLOBE	50	2	150 CL.	RFSF	JC	BBOSY HW PD	WCB	<b>316</b> -HF	17
GLOBE	50	2	150 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS F.E. PKG	40
GLOBE	50	2	150 CL.	UNDRILLRF	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	316+HFS F.E. PKG	6
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD RB	<b>316</b>	316+HFS	6
GLOBE	50	2	300 CL.	RFSF	BONNEY FORGE	BBOSY HW PD NACE	A105N	13CR+HF FEP	10
GLOBE	50	2	300 CL.	RFSF	RAIMONDI	BBOSY HW PD NACE	<b>C5</b>	316+HF	5
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD	<b>CF8</b>	304	7
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD <b>EXT BONNET CRYO</b>	<b>CF8</b>	304+HF	2
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD	<b>CF8M</b>	316	7
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD	<b>CF8M</b>	316	7
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD NACE <b>EXT BONNET (WCC DUAL)</b>	<b>LCC</b>	316+HF	10
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD NACE (WCC DUAL)	<b>LCC</b>	316+HF	10
GLOBE	50	2	300 CL.	RFSF	JC	BBOSY HW PD	<b>WC6</b>	316+HF	3
GLOBE	50	2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PD <b>SDNR</b> 0050AP151DU	WCB	13CR+HFS	4
GLOBE	50	2	300 CL.	RFSF	JC	BBOSY HW PD	WCB	13CR+HF	12
GLOBE	50	2	300 CL.	BW40	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	13CR+HFS	10
GLOBE	50	2	300 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	25
GLOBE	50	2	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	7
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD RB INTEG	<b>316</b>	316	3
GLOBE	50	2	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW <b>Y TYPE SDNR</b>	A105N	13CR+HFS	1
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD NACE RB INTEG 4A(F51)	<b>CD3MN</b>	F51+HF	1
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD 0050AP171LU-8M	<b>CF8M</b>	316+HF	8
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD (WCC DUAL)	<b>LCC</b>	316+HFS	10
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD RB NACE INTEG	<b>LF2</b>	316+HF	10
GLOBE	50	2	600 CL.	RTJUC	BONNEY FORGE	BBOSY HW PD NACE RB INTEG	<b>LF2</b>	316+HF FEP	30
GLOBE	50	2	600 CL.	BW80	APV	BBOSY HW PD NACE	<b>WC6</b>	316+HF	4
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD NACE	<b>WC6</b>	13CR+HF	2
GLOBE	50	2	600 CL.	RFSF	TONG YUNG	BBOSY HW PD NACE MESC	<b>WC6</b>	13CR+HF	2
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD	<b>WC9</b>	13CR+HFS	1
GLOBE	50	2	600 CL.	BW80	APV	BBOSY HW PD NACE	WCB	13CR+HFS	4
GLOBE	50	2	600 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCB	13CR+HFS F.E. PKG	34
GLOBE	50	2	600 CL.	RTJUC	APV	BBOSY HW PD	WCB	13CR+HFS	6
GLOBE	50	2	600 CL.	UNDRILL	APV STEAMCO	BBOSY HW PD <b>SDNR</b>	WCB	13CR+HFS	5
GLOBE	50	2	600 CL.	BW160	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	316+HF F.E. PKG	2
GLOBE	50	2	600 CL.	BW80	JC	BBOSY HW PD NACE DUAL WCB	WCC	13CR+HF	10
GLOBE	50	2	600 CL.	RFSF	JC	BBOSY HW PD NACE DUAL WCB	WCC	13CR+HF	18
GLOBE	50	2	800 CL.	NPT	APV	RB BBOSY HW <b>Y TYPE</b>	<b>304</b>	304+HFS	3

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	50	2	800 CL.	BW40	APV	RB WBOSY HW PD DUAL 316	316/L	316+HFS	2
GLOBE	50	2	800 CL.	NPT	APV	RB BBOSY HW PD	316/L	316+HFS	20
GLOBE	50	2	800 CL.	NPT	APV	RB BBOSY HW PD DUAL 316	316/L	316	40
GLOBE	50	2	800 CL.	NPT	APV	FB BBOSY HW Y TYPE SDNR	A105N	13CR+HFS	6
GLOBE	50	2	800 CL.	NPT	APV	RB WBOSY HW PD	A105N	13CR+HFS	85
GLOBE	50	2	800 CL.	SW	APV	RB WBOSY HW PD	A105N	13CR+HFS	40
GLOBE	50	2	800 CL.	SW	APV	RB WBOSY HW PD BELLOW SEAL	A105N	13CR+HF	4
GLOBE	50	2	800 CL.	NPT	JC	RB BBOSY HW PD	A105N	13CR+HFS	80
GLOBE	50	2	800 CL.	NPT	OMB	RB BBOSY HW PD SDNR	A105N	13CR+HFS	10
GLOBE	50	2	800 CL.	NPT	APV	RB BBOSY HW PD	F11	13CR+HF	2
GLOBE	50	2	800 CL.	NPT	APV	BBOSY HW PD	F22	13CR+HF	3
GLOBE	50	2	800 CL.	SW	APV	WBOSY HW PD	F22	13CR+HF	3
GLOBE	50	2	800 CL.	NPT	JC	RB BBOSY HW PD	LF2	316+HFS	20
GLOBE	50	2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE Y TYPE	304/L	304+HFS	3
GLOBE	50	2	1500 CL.	NPT	APV	SB BBOSY HW PD DUAL 316	316/L	316+HFS	3
GLOBE	50	2	1500 CL.	BW160	APV	FB WBOSY HW PD NACE	A105N	13CR+HF	1
GLOBE	50	2	1500 CL.	BWXXS	APV	FB PSBOSY HW PD NACE	A105N	316+HFS	1
GLOBE	50	2	1500 CL.	NPT	APV	SB BBOSY HW PD NACE	A105N	13CR+HF	32
GLOBE	50	2	1500 CL.	NPT	APV	SB WBOSY HW PD	A105N	13CR+HF	10
GLOBE	50	2	1500 CL.	NPT	APV	SB WBOSY HW Y TYPE	A105N	13CR+HF	3
GLOBE	50	2	1500 CL.	UNDRILLRF	APV	SB BBOSY HW PD SDNR INTEG	A105N	13CR+HFS	4
GLOBE	50	2	1500 CL.	NPT	JC	SB BBOSY HW PD NACE	A105N	13CR+HF	10
GLOBE	50	2	1500 CL.	RTJUC	APV	FB BBOSY HW PD NACE	CF8M	316+HFS	5
GLOBE	50	2	1500 CL.	BW160	APV	SB BBOSY HW Y TYPE	F11	13CR+HF	2
GLOBE	50	2	1500 CL.	BW160	APV	SB PSBOSY HW PD	F11	13CR+HF	3
GLOBE	50	2	1500 CL.	NPT	APV	SB BBOSY HW Y TYPE	F11	13CR+HF	2
GLOBE	50	2	1500 CL.	NPT	APV	SB BBOSY HW Y TYPE	F11	13CR+HF	1
GLOBE	50	2	1500 CL.	BW160	APV	SB WBOSY HW PD NACE INTEG	F22	316+HF	1
GLOBE	50	2	1500 CL.	BW160	APV	SB WBOSY HW	F22	13CR+HF	2
GLOBE	50	2	1500 CL.	BWXXS	APV	FB PSBOSY HW Y TYPE	F22	13CR+HF	6
GLOBE	50	2	1500 CL.	RFSF	APV	FB BBOSY HW PD NACE	LCB	13CR+HF	10
GLOBE	50	2	1500 CL.	RTJUC	APV	FB BBOSY HW PD (WCC & LCB DUAL)	LCC	316+HF	20
GLOBE	50	2	1500 CL.	RTJUC	APV	SB BBOSY HW PD INTEG	LF2	13CR+HF	14
GLOBE	50	2	1500 CL.	NPT	BONNEY FORGE	SB BBOSY HW PD NACE	LF2	316+HFS FEP	10
GLOBE	50	2	1500 CL.	RTJUC	BONNEY FORGE	FB BBOSY HW PD INTEG	LF2	316+HF FEP	12
GLOBE	50	2	1500 CL.	BW160	APV	FB WBOSY HW Y TYPE	WC9	316+HF	1
GLOBE	50	2	1500 CL.	RTJ	JC	FB BBOSY HW PD NACE	WCB	13CR+HF	8
GLOBE	50	2	1500 CL.	RTJUC	JC	FB BBOSY HW PD NACE	WCB	13CR+HF	9
GLOBE	50	2	1500 CL.	RTJUC	APV	FB BBOSY HW PD NACE	WCC	13CR+HF	26
GLOBE	50	2	1500 CL.	RFSF	JC	FB BBOSY HW PD NACE	WCC	13CR+HF	34
GLOBE	50	2	2500 CL.	NPT	APV	SB PSBOSY HW PD NACE	A105N	13CR+HF	3
GLOBE	50	2	2500 CL.	NPT	APV	SB WBOSY HW PD NACE	A105N	13CR+HF	4
GLOBE	50	2	2500 CL.	SW	LVF - NEWCO	FB WBOSY HW Y TYPE	A105N	13CR+HF	1
GLOBE	50	2	2500 CL.	BW160	HOPKINSON	FB BBOSY HW PD	C/S	316+HFS	1
GLOBE	50	2	2500 CL.	BWXXS	APV	FB PSBOSY HW Y TYPE	LF2	316+HF	3
GLOBE	50	2	2500 CL.	RTJ	BONNEY FORGE	SB BBOSY HW PD NACE	LF2	316+HF FEP	3
GLOBE	50	2	2500 CL.	RTJ	APV-FZV	FB BBOSY HW PD INTEG NACE	WCB	316+HF	5
GLOBE	50	2	2680 CL.	SW	ROCKWELL	FB WBOSY HW Y TYPE UNI-V	F22	13CR+HF	2
GLOBE	50	2	PN16	UNDRILLRF	APV	BBOSY HW PD SDNR	CF8M	316	1
GLOBE	50	2	PN40	UNDRILLRF	BONETTI	BBISY HW PD	C/S	316+GRP SEAT	34
GLOBE	50	2	TABLE E	FF	VALCO	BBISY HW PD BELLOW SEAL	WCB	316+PTFE SEAT CHLORINE	2
GLOBE	50	2	TABLE K	RFSF	APV	BBOSY HW PD	CF8M	316	2
GLOBE	65	2 1/2	150 CL.	UNDRILLRF	APV	BBOSY HW PD (CF8M DUAL)	CF3M	316	2
GLOBE	65	2 1/2	150 CL.	RFSF	APV	BBOSY HW PD	CF8	304 PTFE PKG	3
GLOBE	65	2 1/2	150 CL.	RFSF	APV	BBOSY HW PD	WCB	BRONZE	8
GLOBE	65	2 1/2	150 CL.	RFSF	APV	BBOSY HW PD	WCB	13CR+HFS F.E. PKG	13
GLOBE	65	2 1/2	150 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	3
GLOBE	65	2 1/2	300 CL.	RFSF	APV	BBOSY HW PD	CF8	304	1
GLOBE	65	2 1/2	300 CL.	BW40	APV	BBOSY HW PD	WCB	13CR+HFS F.E. PKG	2
GLOBE	65	2 1/2	300 CL.	RFSF	APV	BBOSY HW PD	WCB	13CR+HFS	3
GLOBE	65	2 1/2	300 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR	WCB	13CR+HFS	3
GLOBE	65	2 1/2	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	2
GLOBE	65	2 1/2	600 CL.	BW80	APV STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	1
GLOBE	65	2 1/2	600 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	3
GLOBE	65	2 1/2	600 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	3
GLOBE	65	2 1/2	800 CL.	SW	RAIMONDI	WBOSY HW PD NACE NUCLEAR	A105N	13CR+HF	1
GLOBE	65	2 1/2	900 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR 'S'	WCB	13CR+HFS	1
GLOBE	65	2 1/2	1195 CL.	BW160	APV	PSBOSY HW PD Y TYPE	F22	13CR+HF	1
GLOBE	65	2 1/2	2500 CL.	SW	APV	WBOSY HW PD Y TYPE	A105N	13CR+HF	1
GLOBE	65	2 1/2	2500 CL.	GRAYLOK	MATSURA	BBOSY GO PD	A105N	4035+HF	1
GLOBE	65	2 1/2	TABLE H	UNDRILLFF	FLOWTURN	UBOSY RS HW PD	BRZ	BRONZE	1

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	65	2 1/2	TABLE H	RF	APV	BBOSY HW PD	WCB	13CR+HFS	8
GLOBE	80	3	125 CL.	FF	FLOWTURN	BBOSY HW PD SDNR	CI	BRONZE	4
GLOBE	80	3	150 CL.	RFSF	APV	BBOSY HW PD	CF8	304 PTFE PKG	3
GLOBE	80	3	150 CL.	RFSF	APV	BBOSY HW PD	CF8M	316	9
GLOBE	80	3	150 CL.	RFSF	APV	BBOSY HW PD	WC6	316+HFS	2
GLOBE	80	3	150 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	2
GLOBE	80	3	150 CL.	RFSF	JC	BBOSY HW PD 0080AP143LUD	WCB	13CR+HFS	20
GLOBE	80	3	150 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	316+HFS	23
GLOBE	80	3	150 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	316+HFS	5
GLOBE	80	3	300 CL.	RFSF	APV	BBOSY HW PD	A105N	MONEL+HFS	1
GLOBE	80	3	300 CL.	UNDRILLRF	APV	BBOSY HW PD ALU-BRONZE B148-C95800	ABRZ	ABRZ MONEL STEM	2
GLOBE	80	3	300 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR	BRZ	BRONZE	1
GLOBE	80	3	300 CL.	RFSF	APV	BBOSY HW PD	C5	13CR+HF	2
GLOBE	80	3	300 CL.	UNDRILLRF	APV	BBOSY HW PD	CF8	304 PTFE PKG	1
GLOBE	80	3	300 CL.	RFSF	APV	BBOSY HW PD	CF8M	316	3
GLOBE	80	3	300 CL.	UNDRILLRF	APV	BBOSY HW PD	CF8M	316	2
GLOBE	80	3	300 CL.	RFSF	APV	BBOSY HW PD NACE (WCC DUAL)	LCC	316+HF	10
GLOBE	80	3	300 CL.	RFSF	APV	BBOSY HW PD 0080 AP151V-6	WC6	13CR+HF	4
GLOBE	80	3	300 CL.	RFSF	APV	BBOSY HW PD NACE	WCB	316+HF	10
GLOBE	80	3	300 CL.	UNDRILLRF	APV-STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	3
GLOBE	80	3	300 CL.	RFSF	HEATON	BBOSY HW PD BELLOW SEAL	WCB	13CR+HF	1
GLOBE	80	3	300 CL.	RFSF	JC	BBOSY HW PD NACE	WCB	13CR+HFS	6
GLOBE	80	3	300 CL.	BW40	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	3
GLOBE	80	3	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	10
GLOBE	80	3	600 CL.	RFSF	APV	BBOSY HW PD NACE AP171LXU-8M -100°	CF8M	316+HFS	1
GLOBE	80	3	600 CL.	RTJUC	APV	BBOSY HW PD NACE	WCB	13CR+HF	6
GLOBE	80	3	600 CL.	UNDRILLRF	APV	BBOSY HW PD NACE	WCB	13CR+HFS	5
GLOBE	80	3	600 CL.	BW80	APV-FZV	BBOSY HW PD NACE	WCC	13CR+HF	5
GLOBE	80	3	900 CL.	RFSF	APV	BBOSY HW PD NACE (WCB/LCB DUAL)	LCC	316+HF	4
GLOBE	80	3	900 CL.	RTJ	APV	BBOSY HW PD NACE	WCB	13CR+HFS	5
GLOBE	80	3	900 CL.	RTJUC	JC	BBOSY GO PD NACE	WCB	13CR+HF	6
GLOBE	80	3	900 CL.	RFSF	APV	BBOSY HW PD NACE	WCC	13CR+HFS	3
GLOBE	80	3	1500 CL.	RTJUC	JC	BBOSY GO PD NACE DUAL LCB/WCB/WCC	LCC	316+HF	6
GLOBE	80	3	1500 CL.	RTJ	APV	BBOSY HW PD NACE	WCB	13CR+HF	4
GLOBE	80	3	1500 CL.	RTJUC	APV-FZV	PSBOSY HW PD NACE	WCB	13CR+HF	2
GLOBE	80	3	1500 CL.	BWXXS	APV	PSBOSY HW PD Y TYPE NACE (WCB DUAL)	WCC	13CR+HF	1
GLOBE	80	3	1500 CL.	RTJUC	APV/FZV	BBOSY HW PD NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	5
GLOBE	80	3	2500 CL.	RTJUC	APV	BBOSY HW PD (CF8M DUAL)	CF3M	316+HF	1
GLOBE	80	3	2500 CL.	GRAYLOK	MATSURA	BBOSY GO PD Y TYPE	F1	13CR+HFS	3
GLOBE	80	3	2500 CL.	BW160	APV	BBOSY GO PD NACE	LC1	316+HF	3
GLOBE	80	3	2680 CL.	BW160	EDWARD	PSBOSY HW PD Y TYPE	A105N	316+HF	4
GLOBE	80	3	PN40	UNDRILLRF	APV	BBOSY HW PD	BRZ	BRONZE	1
GLOBE	80	3	TABLE F	RFSF	FLOWTURN	BBOSY HW PD SDNR	CI	BRONZE	3
GLOBE	80	3	TABLE H	UNDRILLFF	APV STEAMCO	BBOSY HW PD	CF8M	316	1
GLOBE	80	3	TABLE H	RFSF	APV-STEAMCO	BBOSY HW PD	WCB	13CR+HF	6
GLOBE	80	3	TABLE H	RFSF	APV-STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HF	5
GLOBE	100	4	125 CL.	FF	FLOWTURN	BBOSY HW PD SDNR	CI	BRONZE 13CR ST	2
GLOBE	100	4	150 CL.	RFSF	APV	BBOSY HW PD EXT BONNET CRYO	CF8	304	1
GLOBE	100	4	150 CL.	RFSF	APV	BBOSY HW PD	CF8M	316+HFS	8
GLOBE	100	4	150 CL.	RFSF	APV	BBOSY HW PD	LCB	13CR+HFS	7
GLOBE	100	4	150 CL.	RFSF	APV	BBOSY HW PD NACE	WCB	13CR+HFS	17
GLOBE	100	4	150 CL.	RFSF	APV	BBOSY HW PD FP NACE (WCB DUAL)	WCC	13CR+HF F.E. PKG	2
GLOBE	100	4	150 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HF F.E. PKG	3
GLOBE	100	4	200 CL.	BSP	JOHN	SCBISY HW PD	BRZ	BRONZE	2
GLOBE	100	4	300 CL.	RFSF	TONG YUNG	BBOSY HW PD NACE	C5	13CR+HFS	2
GLOBE	100	4	300 CL.	RFSF	APV	BBOSY HW PD (CF8M DUAL)	CF3M	316+HFS	6
GLOBE	100	4	300 CL.	UNDRILLRF	APV	BBOSY HW PD NACE (CF8M DUAL)	CF3M	316	2
GLOBE	100	4	300 CL.	RFSF	APV	BBOSY HW PD NACE	CF8	304	1
GLOBE	100	4	300 CL.	RFSF	APV	BBOSY HW PD API600 0100AP151LXU2J DUAL LCI	LCC	316+HFS	3
GLOBE	100	4	300 CL.	RFSF	HATTERSLEY/ H	BBOSY HW PD	WC6	13CR+HF	3
GLOBE	100	4	300 CL.	RFSF	APV	BBOSY HW PD	WCB	13CR+HFS	12
GLOBE	100	4	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	4
GLOBE	100	4	300 CL.	RFSF	JC	BBOSY HW PD 0100AP151XUFN	WCB	13CR+HFS	6
GLOBE	100	4	300 CL.	BW40	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	13CR+HFS F.E. PKG	6
GLOBE	100	4	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS F.E. PKG	6
GLOBE	100	4	600 CL.	RTJUC	APV	BBOSY HW PD B16.34 (CF8M DUAL)	CF3M	316+HFS	2
GLOBE	100	4	600 CL.	RFSF	APV	BBOSY HW PD	CF8M	316	2
GLOBE	100	4	600 CL.	RFSF	APV	BBOSY HW PD NACE LCB DUAL	LCC	316+HF	1
GLOBE	100	4	600 CL.	BW40	APV	BBOSY HW PD	WCB	13CR+HF	2
GLOBE	100	4	600 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCB	13CR+HF F.E. PKG	8
GLOBE	100	4	600 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR	WCB	13CR+HFS	3

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	100	4	600 CL.	RTJUC	JC	BBOSY HW PD NACE	WCB	13CR+HF	3
GLOBE	100	4	600 CL.	BW80	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HF F.E. PKG	2
GLOBE	100	4	900 CL.	RTJUC	APV-FZV	BBOSY HW PD NACE (LCB DUAL)	LCC	316+HF	2
GLOBE	100	4	900 CL.	RTJUC	JC	BBOSY HW PD NACE (LCB DUAL) FZV0100AP171L	LCC	13CR+HF	4
GLOBE	100	4	900 CL.	RTJUC	APV	BBOSY HW PD NACE	WCB	13CR+HF	5
GLOBE	100	4	900 CL.	BW160	APV	BBOSY HW PD NACE S BEND	WCC	13CR+HF	1
GLOBE	100	4	900 CL.	BW80	APV	BBOSY HW PD NACE	WCC	316+HF	1
GLOBE	100	4	900 CL.	RFSF	APV	BBOSY HW PD NACE	WCC	13CR+HF	5
GLOBE	100	4	900 CL.	RFSF	JC	BBOSY HW PD NACE 0100AP183UN1E	WCC	13CR+HF	4
GLOBE	100	4	1500 CL.	BW160	APV-FZV	BBOSY HW PD NACE (WCC/LCB DUAL)	LCC	316+HF	2
GLOBE	100	4	1500 CL.	RTJUC	APV-FZV	BBOSY HW PD NACE (WCC/LCB DUAL)	LCC	316+HF	2
GLOBE	100	4	1500 CL.	RTJUC	APV	BBOSY GO PD NACE	WCC	13CR+HF	3
GLOBE	100	4	1500 CL.	RTJUC	JC	BBOSY GO PD NACE	WCC	13CR+HF	3
GLOBE	100	4	2500 CL.	RTJ	PETROL VALVES	BBOSY GO PD NACE	WCB	316+HF	1
GLOBE	100	4	TABLE H	UNDRILLRF	APV	BBOSY HW PD	WCB	13CR+HFS	3
GLOBE	100	4	TABLE H	UNDRILLRF	APV STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	3
GLOBE	125	5	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW PD 330 F TO F	WCB	BRONZE 13CR ST	7
GLOBE	125	5	150 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR	WCB	13CR+HFS F.E. PKG	2
GLOBE	125	5	150 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	10
GLOBE	125	5	150 CL.	UNDRILLRF	APV	BBOSY HW PD FP	WCC	13CR F.E. PKG	3
GLOBE	125	5	300 CL.	RFSF	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	13CR+HFS	1
GLOBE	125	5	300 CL.	UNDRILL	APV	BBOSY HW PD SDNR (WCB DUAL)	WCC	13CR+HFS	2
GLOBE	125	5	900 CL.	RTJUC	COLVES	BBOSY HW PD NACE	WCB	13CR+HF	1
GLOBE	125	5	TABLE E	FF	FLOWTURN	BBOSY HW PD	CI	BRONZE 13CR ST	2
GLOBE	150	6	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW PD 432 F TO F	CI	BRONZE	4
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD	CF3M	316	1
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD	CF8M	316	2
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD	LCB	316+HF	2
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD	LCC	316+HFS	4
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD	WC6	13CR+HFS	3
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD NACE	WCB	13CR+HFS	10
GLOBE	150	6	150 CL.	BW40	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	13CR+HFS F.E. PKG	3
GLOBE	150	6	150 CL.	RFSF	APV	BBOSY HW PD NACE HW (WCB DUAL)	WCC	13CR+HFS F.E. PKG	11
GLOBE	150	6	300 CL.	RFSF	APV	BBOSY HW PD NACE	CF8	304	1
GLOBE	150	6	300 CL.	RFSF	NEWCO	BBOSY HW PD	CF8M	316	16
GLOBE	150	6	300 CL.	RFSF	AUDCO	BBOSY GO PD NACE	LCC	316+HF	3
GLOBE	150	6	300 CL.	RFSF	JC	BBOSY HW PD NACE	WCB	13CR+HFS	10
GLOBE	150	6	300 CL.	RFSF	VALVOSIDER	BBOSY HW PD	WCB	MONEL+HFS	1
GLOBE	150	6	300 CL.	BW40	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	4
GLOBE	150	6	300 CL.	RFSF	APV	BBOSY HW PD HWOP (WCB DUAL)	WCC	13CR+HFS F.E. PKG	6
GLOBE	150	6	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	8
GLOBE	150	6	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	BRONZE	4
GLOBE	150	6	300 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR (WCB DUAL)	WCC	13CR+HFS F.E. PKG	2
GLOBE	150	6	600 CL.	RFSF	APV	BBOSY HW PD NACE	CF8M	316+HFS	2
GLOBE	150	6	600 CL.	RFSF	WWP	BBOSY HW PD	CF8M	316	1
GLOBE	150	6	600 CL.	RFSF	JC	BBOSY HW PD NACE	WCB	13CR+HFS	2
GLOBE	150	6	600 CL.	BW80	RAIMONDI	BBOSY HW PD NACE	WCB	13CR+HF	2
GLOBE	150	6	600 CL.	RFSF	APV	BBOSY HW PD NACE FP	WCC	13CR+HFS	2
GLOBE	150	6	900 CL.	RTJUC	APV	BBOSY GO PD 150AP183UN-10MG	WCB	13CR+HF	2
GLOBE	150	6	1500 CL.	BW160	APV	PSBOSY GO PD	LCC	316+HF	
GLOBE	150	6	1500 CL.	RTJUC	APV	PSBOSY GO PD DP FP NACE	LCC	316+HF	1
GLOBE	150	6	1500 CL.	BW160	DEWRANCE	BBOSY GO PD SDNR	WCB	316	1
GLOBE	150	6	TABLE D	FF	APV	BBOSY HW PD	CF8M	316	1
GLOBE	150	6	TABLE E	UNDRILL	FLOWTURN	BBOSY HW PD 432 F TO F	CI	BRONZE 13CR ST	4
GLOBE	150	6	TABLE H	FF	APV	BBOSY HW PD	WCB	13CR+HFS	4
GLOBE	150	6	TABLE H	FF	APV	BBOSY HW PD	WCB	BRZ	4
GLOBE	200	8	150 CL.	RFSF	APV	BBOSY HW PD Y TYPE (CF8M DUAL)	CF3M	316	2
GLOBE	200	8	150 CL.	UNDRILLRF	APV	BBOSY HW PD	WCB	13CR+HFS F.E. PKG	1
GLOBE	200	8	150 CL.	BW40	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	1
GLOBE	200	8	150 CL.	RFSF	APV	BBOSY GO PD (WCB DUAL)	WCC	13CR+HFS	1
GLOBE	200	8	150 CL.	RFSF	APV	BBOSY HW PD NACE (WCB DUAL)	WCC	13CR+HFS F.E. PKG	4
GLOBE	200	8	300 CL.	RFSF	HATTERSLEY/ H	BBOSY HW PD	C5	13CR+HF	1
GLOBE	200	8	300 CL.	RFSF	APV	BBOSY HW PD	CF8	304 PTFE PKG	1
GLOBE	200	8	300 CL.	BW40	APV	BBOSY HW PD	WCB	13CR+HFS	2
GLOBE	200	8	300 CL.	RFSF	HEATON	BBOSY GO PD	WCB	13CR+HFS	9
GLOBE	200	8	300 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HF	3
GLOBE	200	8	300 CL.	UNDRILLRF	APV	BBOSY HW PD SDNR (WCB DUAL)	WCC	13CR+HFS	1
GLOBE	200	8	600 CL.	RFSF	FASANI	BBOSY HW PD	WCB	13CR+HF	1
GLOBE	200	8	600 CL.	RFSF	JC	BBOSY HW PD NACE	WCB	13CR+HFS	2
GLOBE	200	8	600 CL.	BW40	APV	BBOSY HW PD	WCC	13CR+HF	1
GLOBE	200	8	600 CL.	RFSF	APV	BBOSY GO PD	WCC	13CR+HFS	3

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
GLOBE	200	8	1500 CL.	BW160	APV	BBOSY GO PD NACE	WC6	316+HF	1
GLOBE	200	8	TABLE E	FF	FLOWTURN	BBOSY HW PD 483 F TO F	CI	BRONZE 13CR ST	1
GLOBE	200	8	TABLE E	FF	FLOWTURN	BBOSY HW PD 600 F TO F	CI	BRONZE	1
GLOBE	200	8	TABLE F	UNDRILLFF	FLOWTURN	BBOSY HW PD 533 F TO F	CI	13CR	1
GLOBE	250	10	125 CL.	UNDRILLFF	FLOWTURN	BBOSY HW PD 622 F TO F	CI	BRONZE 13CR ST	2
GLOBE	250	10	150 CL.	RFSF	WWP	BBOSY HW PD	CF8M	316	1
GLOBE	250	10	150 CL.	RFSF	APV	BBOSY HW PD	WCB	13CR+HFS	4
GLOBE	250	10	150 CL.	RFSF	ECON-SUFA	BBOSY HW PD	WCB	BRONZE	5
GLOBE	250	10	150 CL.	RFSF	JC	BBOSY HW PD	WCB	13CR+HFS	3
GLOBE	250	10	300 CL.	UNDRILLRF	APV	BBOSY GO PD (WCB/LCB DUAL)	LCC	316+HFS	1
GLOBE	250	10	300 CL.	UNDRILLRF	APV-STEAMCO	BBOSY GO PD SDNR	WCB	13CR+HFS	1
GLOBE	250	10	300 CL.	UNDRILLRF	JC	BBOSY GO PD NACE	WCB	13CR+HFS	3
GLOBE	250	10	300 CL.	UNDRILLRF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	2
GLOBE	250	10	600 CL.	RFSF	APV	BBOSY GO PD NACE	WCB	13CR+HFS	2
GLOBE	300	12	150 CL.	RFSF	APV	BBOSY GO PD NACE	WCB	13CR+HFS	2
GLOBE	300	12	150 CL.	RFSF	APV	BBOSY HW PD (WCB DUAL)	WCC	13CR+HFS	2
GLOBE	300	12	300 CL.	RFSF	HEATON	BBOSY GO PD	WCB	13CR+HFS	5
GLOBE	300	12	300 CL.	UNDRILLRF	JC	BBOSY GO PD	WCB	13CR+HFS	1
GLOBE	350	14	150 CL.	RFSF	APV	BBOSY GO PD	WCC	13CR+HFS	1
GLOBE	400	16	150 CL.	UNDRILLRF	APV	BBOSY GO PD	WCC	13CR+HFS	1
GLOBE-RA	15	1/2	2500 CL.	BWXXS	APV	BBOSY HW (90DEG) PD	A105N	13CR+HFS	10
GLOBE-RA	15	1/2	2500 CL.	SW	APV	BBOSY HW (90DEG) PD	A105N	13CR+HF	10
GLOBE-RA	15	1/2	2500 CL.	BWXXS	APV	PSBOSY HW (90DEG) PD	F22	13CR+HF	8
GLOBE-RA	20	3/4	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	A105N	13CR+HFS	1
GLOBE-RA	20	3/4	1500 CL.	RF	MATSURA	BBOSY HW(90DEG) PD	316	316+HF	1
GLOBE-RA	20	3/4	2500 CL.	BW160	STEAMCO	BBOSY HW (90DEG) PD	F1	4035+HF	2
GLOBE-RA	20	3/4	3045 CL.	BWXXS	APV STEAMCO	PSBOSY HW (90DEG) PD	F22	13CR+HF	1
GLOBE-RA	25	1	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	CF8M	316	1
GLOBE-RA	25	1	TABLE R	RF	HOPKINSON	BBOSY HW (90DEG) PD	WCB	13CR+HF	1
GLOBE-RA	32	1 1/4	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	CF8M	316	1
GLOBE-RA	40	1 1/2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	CF8M	316	1
GLOBE-RA	40	1 1/2	TABLE H	UNDRILLFF	TAYLOR	BBOSY HW (90DEG) PD	WCB	13CR+HF	1
GLOBE-RA	50	2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD	WCB	13CR	3
GLOBE-RA	50	2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	WCB	13CR	3
GLOBE-RA	50	2	TABLE E	UNDRILLFF	TAYLOR	BBOSY HW (90DEG) PD	WCB	13CR+HFS	1
GLOBE-RA	50	2	TABLE H	RF	APV STEAMCO	BBOSY HW (90DEG) PD	WCB	13CR+HFS	2
GLOBE-RA	50	2	TABLE J	RF	HOPKINSON	BBOSY HW (90DEG) PD SDNR	WCB	316	2
GLOBE-RA	65	2 1/2	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD	WCB	13CR+HFS	1
GLOBE-RA	65	2 1/2	TABLE H H	UNDRILLFF	APV STEAMCO	BBOSY HW (90DEG) PD	WCB	13CR+HFS	1
GLOBE-RA	80	3	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PD SDNR	WCB	13CR+HFS	2
GLOBE-RA	80	3	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW PD	WCB	13CR+HFS	2
GLOBE-RA	100	4	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	WCB	13CR+HFS	2
GLOBE-RA	125	5	150 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD	WCB	13CR+HFS	2
GLOBE-RA	125	5	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	WCB	13CR+HFS	1
GLOBE-RA	150	6	150 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD	CF8M	316	4
GLOBE-RA	150	6	150 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	WCB	13CR+HFS	1
GLOBE-RA	150	6	300 CL.	UNDRILLRF	APV STEAMCO	BBOSY HW (90DEG) PD SDNR	WCB	13CR+HFS	1
GLOBE-RA	150	6	PN40	UNDRILLRF	KSB	BBOSY HW(90DEG) PD	CF8M	316	3
NEEDLE	8	1/4	6000 PSI	NPTFF	FLOWTURN	GLOBE S-H7VIS-2 BALL TIP	316	METAL SEAT PTFE PKG	25
NEEDLE	8	1/4	6000 PSI	NPTM	FLOWTURN	BLEEDER	316	METAL SEAT PTFE PKG	160
NEEDLE	8	1/4	6000 PSI	NPTMF	FLOWTURN	STRT THRU RISING PLUG	316	PTFE SEAT PTFE PKG	40
NEEDLE	8	1/4	10000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT GRP PKG	21
NEEDLE	10	3/8	6000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT PTFE PKG	22
NEEDLE	10	3/8	10000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT GRP PKG	12
NEEDLE	15	1/2	5000 PSI	NPTFF	SAPAG	GLOBE RISING STEM	A105	METAL SEAT GRP PKG	1326
NEEDLE	15	1/2	6000 PSI	NPT	AGCO	STRT THRU EXT BONNET HT	316	METAL SEAT GRP PKG	112
NEEDLE	15	1/2	6000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT GRP PKG	44
NEEDLE	15	1/2	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	316	DELIRIN SEAT PTFE PKG	40
NEEDLE	15	1/2	6000 PSI	NPTM	FLOWTURN	BLEEDER	316	METAL SEAT PTFE PKG	140
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT PTFE PKG	60
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT PTFE PKG	60
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	GLOBE C/W BLEED	316	METAL SEAT GRP PKG	160
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	GLOBE MULTIPOINT	316	METAL SEAT GRP PKG	31
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	STRT THRU RISING PLUG	316	DELIRIN SEAT PTFE PKG	120
NEEDLE	15	1/2	6000 PSI	TUBE	WHITEY	GLOBE	316	METAL SEAT PTFE PKG	17
NEEDLE	15	1/2	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	A105NP	DELIRIN SEAT PTFE PKG	46
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	50
NEEDLE	15	1/2	6000 PSI	NPTMF	FLOWTURN	STRT THRU RISING PLUG	A105NP	DELIRIN SEAT PTFE PKG	110
NEEDLE	15	1/2	10000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	30
NEEDLE	20	3/4	6000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT GRP PKG	18
NEEDLE	20	3/4	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	316	DELIRIN SEAT PTFE PKG	30



# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
NEEDLE	20	3/4	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	316	DELTRIN SEAT GRP PKG	14
NEEDLE	20	3/4	6000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT GRP PKG	45
NEEDLE	20	3/4	6000 PSI	NPTMF	FLOWTURN	GLOBE C/W BLEED	316	METAL SEAT GRP PKG	35
NEEDLE	20	3/4	6000 PSI	NPTMF	FLOWTURN	STRT THRU RISING PLUG	316	DELTRIN SEAT PTFE PKG	42
NEEDLE	20	3/4	6000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	65
NEEDLE	20	3/4	6000 PSI	NPTFF	HATTERSLEY	GLOBE	A105NP	METAL SEAT GRP PKG	11
NEEDLE	20	3/4	10000 PSI	NPTFF	OLIVER	GLOBE	316	METAL SEAT GRP PKG	10
NEEDLE	20	3/4	10000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	10
NEEDLE	20	3/4	10000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	5
NEEDLE	20	3/4	15000 PSI	NPTFF	OLIVER	GLOBE 15 HPS	316	METAL SEAT GRP PKG	1
NEEDLE	25	1	6000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	316	DELTRIN SEAT PTFE PKG	6
NEEDLE	25	1	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	316	DELTRIN SEAT PTFE PKG	14
NEEDLE	25	1	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	316	METAL SEAT GRP PKG	10
NEEDLE	25	1	6000 PSI	NPTFF	FLOWTURN	STRT THRU RISING PLUG	316	DELTRIN SEAT GRP PKG	5
NEEDLE	25	1	6000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT PTFE PKG	18
NEEDLE	25	1	6000 PSI	NPTMF	FLOWTURN	GLOBE C/W BLEED	316	METAL SEAT GRP PKG	35
NEEDLE	25	1	6000 PSI	NPTMF	FLOWTURN	STRT THRU RISING PLUG	316	DELTRIN SEAT PTFE PKG	19
NEEDLE	25	1	6000 PSI	NPTMF	FLOWTURN	STRT THRU RISING PLUG	316	PTFE SEAT PTFE PKG	20
NEEDLE	25	1	6000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	7
NEEDLE	25	1	10000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT PTFE PKG	11
NEEDLE	25	1	10000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	316	METAL SEAT PTFE PKG	28
NEEDLE	25	1	10000 PSI	NPTFF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	29
NEEDLE	25	1	10000 PSI	NPTMF	FLOWTURN	GLOBE BALL TIP	A105NP	METAL SEAT GRP PKG	8
NEEDLE	40	1 1/2	3000 PSI	TUBE	ERMETO	GLOBE RIGHT ANGLE	316	METAL SEAT PTFE PKG	4
NEEDLE	15X20	1/2 x 3/4	6000 PSI	NPTFM	FLOWTURN	GLOBE C/W BLEED	316	METAL SEAT PTFE PKG	150
NEEDLE	15X20	1/2 x 3/4	6000 PSI	NPTFM	FLOWTURN	GLOBE MULTIPOINT	316	METAL SEAT GRP PKG	36
NEEDLE	15X20	1/2 x 3/4	6000 PSI	NPTFM	FLOWTURN	STRT THRU MULTIPOINT	316	DELTRIN SEAT PTFE PKG	100
NEEDLE	15X20	1/2 x 3/4	6000 PSI	NPTFM	FLOWTURN	GLOBE C/W BLEED	A105NP	METAL SEAT GRP PKG	75
NEEDLE B&B	15	1/2	600 CL.	MONO RF	HYLOK	DOUBLE ISOLATE & VENT OS&Y 1/2" NPT OUT	316	316 GRP PKG	10
NEEDLE B&B	15	1/2	600 CL.	MONO RF	IVES	DOUBLE ISOLATE & VENT OS&Y 1/2" NPT OUT	F51	S31803 GRP PKG	10
NEEDLE B&B	15	1/2	600 CL.	MONO RF	IVES	DOUBLE ISOLATE & VENT OS&Y 1/2" NPT OUT	F51	S31803 GRP PKG	2
NEEDLE B&B	40	1 1/2	150 CL.	MONO RF	IVES	SINGLE ISOLATE & VENT OS&Y 1/2" NPT OUT	316	316 GRP PKG	7
NEEDLE B&B	40	1 1/2	1500 CL.	MONO RTJ	IVES	DOUBLE ISOLATE & VENT OS&Y 1/2" NPT OUT	F51	S31803 GRP PKG	4
NEEDLE B&B	50	2	150 CL.	MONO RF	IVES	DOUBLE ISOLATE & VENT OS&Y 1/2" NPT OUT	F51	S31803 GRP PKG	15
PLUG	15	1/2	1500 CL.	NPT	APV	PRESS BAL REG LO FS NACE	A105	LUBR F6 PLUG	2
PLUG	20	3/4	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	2
PLUG	20	3/4	1500 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	7
PLUG	25	1	150 CL.	RFSF	APV	SLEEVED TAPERED REG LO	CF8M	PTFE SLEEVE 316 PLUG	2
PLUG	25	1	150 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCC	LUBR 316 PLUG	4
PLUG	25	1	300 CL.	RFSF	APV	PRESS BAL SHORT LO FS NACE	WCB	LUBR F6 PLUG	5
PLUG	25	1	300 CL.	RFSF	APV	STD TAPERED REG LO FS NACE	WCB	LUBR F6 PLUG	8
PLUG	25	1	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	LCC	LUBR 316+NI PLUG	30
PLUG	25	1	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCC	LUBR 316 PLUG	8
PLUG	25	1	600 CL.	RFSF	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR F6 PLUG	60
PLUG	25	1	800 CL.	NPT	APV	PRESS BAL REG LO FS NACE	LCB	LUBR F6 PLUG	12
PLUG	25	1	900 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	13
PLUG	25	1	1500 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	LCC	LUBR 316+ENP PLUG	36
PLUG	25	1	1500 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	15
PLUG	25	1	1500 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	34
PLUG	25	1	1500 CL.	NPT	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR 316+ENP PLUG	6
PLUG	25	1	2500 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR ENP PLUG	1
PLUG	40	1 1/2	150 CL.	RFSF	TUFLINE	SLEEVED TAPERED REG LO	A20	PTFE SLEEVE A20 PLUG	2
PLUG	40	1 1/2	150 CL.	RFSF	TUFLINE	SLEEVED TAPERED REG LO	DI	PTFE SLEEVE DI PLUG	6
PLUG	40	1 1/2	300 CL.	UNDRILLRF	APV	STD TAPERED REG LO FS	WCB	LUBR F6 PLUG	7
PLUG	40	1 1/2	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	6
PLUG	40	1 1/2	900 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	8
PLUG	40	1 1/2	1500 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	A105N	LUBR F6 PLUG	1
PLUG	40	1 1/2	2500 CL.	NPT	APV	PRESS BAL REG LO FS NACE	LCB	LUBR F6 PLUG	1
PLUG	50	2	150 CL.	RFSF	APV	SLEEVED TAPERED REG LO	CF8M	PTFE SLEEVE 316 PLUG	4
PLUG	50	2	150 CL.	RFSF	APV	LINED TAPER REG LO	WCB	PTFE LINED PTFE PLUG	2
PLUG	50	2	150 CL.	RFSF	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR A105+ENP PLUG	16
PLUG	50	2	175 PSI	BSP	DEZURIK	SLEEVED TAPER LO	CI	BUNA SEAT BRZ PLUG	65
PLUG	50	2	300 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCB	LUBR ENP PLUG	11
PLUG	50	2	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6+ENP PLUG	20
PLUG	50	2	600 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCC	LUBR WCC+ENP PLUG	30
PLUG	50	2	600 CL.	RTJUC	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR LCC+ENP+PTFE PLUG	30
PLUG	50	2	900 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	7
PLUG	50	2	1500 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	LCC	LUBR F6+ENP+PTFE PLUG	21
PLUG	50	2	1500 CL.	RTJUC	VALVITALIA	PRESS BAL REG LO FS NACE	WCB	LUBR ENP+PTFE PLUG	16
PLUG	50	2	1500 CL.	RFSF	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR ENP+PTFE PLUG	20
PLUG	50	2	2500 CL.	RTJ	APV	PRESS BAL REG LO FS NACE	LCB	LUBR F6 PLUG	2

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
PLUG	50	2	2500 CL.	RTJ	APV	PRESS BAL REG LO FS NACE	LCC	LUBR F6 PLUG	2
PLUG	50	2	2500 CL.	NPT	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	2
PLUG	50	2	2500 CL.	BWXXS	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	1
PLUG	50	2	5000 PSI	NPT	APV	FP OILFIELD TYPE SP50-TF LO NACE	4130	VITON SEAT 410 PLUG	2
PLUG	50	2	5000 PSI	NPT	APV	FP OILFIELD TYPE SP50-TF LO NACE	4130	VITON SEAT 410 PLUG	2
PLUG	50	2	10000 PSI	NPT	APV	FP OILFIELD TYPE SP100-TF LO NACE	4130	VITON SEAT 410 PLUG	1
PLUG	50	2	10000 PSI	NPT	APV	FP OILFIELD TYPE SP100-TF LO NACE	4130	VITON SEAT 410 PLUG	1
PLUG	50	2	10000 PSI	WECO 1502	APV	FP OILFIELD TYPE SP100-WV LO NACE	4130	VITON SEAT 410 PLUG	3
PLUG	50	2	10000 PSI	WECO 1502	APV	FP OILFIELD TYPE SP100-WV LO NACE	4130	VITON SEAT 410 PLUG	3
PLUG	50	2	15000 PSI	WECO 1502	APV	FP OILFIELD TYPE SP100-WV LO NACE	4130	VITON SEAT 410 PLUG	2
PLUG	50	2	15000 PSI	WECO 1502	APV	FP OILFIELD TYPE SP100-WV LO NACE	4130	VITON SEAT 410 PLUG	2
PLUG	66	2 7/8	3000 PSI	EUE	TEXTREAM	FP OILFIELD TYPE L253006C LO	4140	VITON SEAT 410 PLUG	1
PLUG	66	2 7/8	3000 PSI	EUE	TEXTREAM	FP OILFIELD TYPE L253006C LO	4140	VITON SEAT 410 PLUG	1
PLUG	80	3	150 CL.	RFSF	APV	PRESS BAL REG LO FS	WCB	LUBR F6 PLUG	5
PLUG	80	3	150 CL.	RFSF	APV	SLEEVED TAPERED REG LO	WCB	PTFE SLEEVE 316 PLUG	4
PLUG	80	3	150 CL.	RFSF	APV	STD TAPER REG LO FS NACE	WCB	LUBR F6 PLUG	4
PLUG	80	3	300 CL.	RFSF	APV	STD TAPER REG LO FS NACE	WCB	LUBR F6 PLUG	7
PLUG	80	3	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	LCC	LUBR LCC+ENP PLUG	8
PLUG	80	3	600 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCC	LUBR LCC+ENP PLUG	14
PLUG	80	3	600 CL.	RFSF	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR WCC+ENP+PTFE PLUG	14
PLUG	80	3	900 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCB	LUBR ENP PLUG	2
PLUG	80	3	900 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCC	LUBR ENP+PTFE PLUG	3
PLUG	80	3	900 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCC	LUBR ENP+PTFE PLUG	5
PLUG	80	3	1500 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCB	LUBR ENP PLUG	2
PLUG	80	3	1500 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCC	LUBR ENP PLUG	2
PLUG	100	4	125 CL.	UNDRILLFF	AUDCO	MS 3WAY L PORT LO TRANSFLOW	CI	METAL SEAT DI PLUG	1
PLUG	100	4	150 CL.	RFSF	APV	SLEEVED TAPER SHORT LO	CF8M	PTFE SLEEVE 316 PLUG	2
PLUG	100	4	150 CL.	RF	TUFLIN	SLEEVED 3WAY L PORT AX LO	DI	PTFE SLEEVE 316 PLUG	1
PLUG	100	4	150 CL.	RFSF	APV	LINED TAPER SHORT LO	DIPTFE	PFA LINED PTFE PLUG	2
PLUG	100	4	150 CL.	RFSF	APV	PRESS BAL REG LO FS	F51	LUBR F51 PLUG	4
PLUG	100	4	150 CL.	RF	3Z	LINED 3WAY L PORT LO	WCB	NEOPRENE LINED	1
PLUG	100	4	150 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCB	LUBR F6 PLUG	2
PLUG	100	4	150 CL.	RFSF	APV	PRESS BAL SHORT LO FS	WCB	LUBR F6 PLUG	5
PLUG	100	4	300 CL.	RFSF	APV	PRESS BAL SHORT LO FS	WCB	LUBR F6 PLUG	6
PLUG	100	4	600 CL.	RTJUC	APV	PRESS BAL REG GO FS NACE	LCC	LUBR LCC+ENP PLUG	4
PLUG	100	4	600 CL.	RFSF	VALVITALIA	PRESS BAL REG LO FS NACE	WCB	LUBR ENP PLUG	15
PLUG	100	4	600 CL.	RTJUC	VALVITALIA	PRESS BAL REG GO FS NACE	WCC	LUBR WCC+ENP PLUG	12
PLUG	100	4	900 CL.	RTJUC	APV	PRESS BAL REG GO FS NACE	LCC	LUBR F6 PLUG	6
PLUG	100	4	900 CL.	RTJUC	APV	PRESS BAL REG LO FS NACE	WCB	LUBR ENP PLUG	9
PLUG	100	4	900 CL.	RFSF	APV	PRESS BAL REG GO FS NACE	WCC	LUBR LCC+ENP PLUG	6
PLUG	100	4	1500 CL.	RTJUC	VALVITALIA	PRESS BAL REG GO FS NACE	WCC	LUBR ENP+PTFE PLUG	4
PLUG	100	4	2500 CL.	RTJ	APV	PRESS BAL REG GO FS NACE	CF8M	LUBR 316 PLUG	1
PLUG	150	6	150 CL.	RFSF	APV	SLEEVED TAPER REG LO	CF8M	PTFE SLEEVE 316 PLUG	1
PLUG	150	6	150 CL.	RFSF	APV	SLEEVED TAPER SHORT LO	WCB	PTFE SLEEVE 316 PLUG	2
PLUG	150	6	150 CL.	RFSF	APV	PRESS BAL SHORT LO FS NACE	WCC	LUBR F6 PLUG	3
PLUG	150	6	300 CL.	RFSF	APV	PRESS BAL REG LO FS NACE	WCC	LUBR F6+ENP PLUG	4
PLUG	150	6	300 CL.	RFSF	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR ENP PLUG	2
PLUG	150	6	600 CL.	RFSF	APV	PRESS BAL REG GO FS NACE	LCC	LUBR LCC+ENP PLUG	1
PLUG	150	6	600 CL.	RFSF	APV	PRESS BAL REG GO FS NACE	WCC	LUBR WCC+ENP PLUG+PTFE PLUG	6
PLUG	150	6	900 CL.	RTJUC	APV	PRESS BAL REG GO FS NACE	LCC	LUBR LCC+ENP PLUG	1
PLUG	150	6	900 CL.	RTJUC	VALVITALIA	PRESS BAL REG LO FS NACE	WCC	LUBR 4140+ENP+PTFE PLUG	2
PLUG	150	6	1500 CL.	RTJUC	APV	PRESS BAL REG GO FS NACE	LCC	LUBR LCC+ENP PLUG	3
PLUG	150	6	1500 CL.	RFSF	ROCKWELL	PRESS BAL REG LO FS NACE	WCB	LUBR STELLITE PLUG	1
PLUG	150	6	TABLE F	FF	AUDCO	STD TAPERED REG LO	CI	LUBR CI PLUG	11
PLUG	200	8	150 CL.	RFSF	APV	PRESS BAL REG GO FS NACE	WCB	LUBR ENP PORT	1
PLUG	200	8	150 CL.	RFSF	AUDCO	SLEEVED TAPERED GO	WCB	PTFE SLEEVE 316 PLUG	1
PLUG	200	8	150 CL.	RFSF	AUDCO	STD TAPERED SHORT GO FS	WCB	LUBR ENP PLUG	1
PLUG	200	8	150 CL.	RFSF	GENERAL	SLEEVED TWIN SEAL GO	WCB	VITON SEAT CS PLUG	1
PLUG	200	8	300 CL.	RFSF	APV	PRESS BAL REG GO FS NACE	WCB	LUBR F6 PLUG	1
PLUG	200	8	600 CL.	RFSF	VALVITALIA	PRESS BAL REG GO FS NACE	WCC	LUBR 4140+ENP+PTFE PLUG	2
PLUG	200	8	900 CL.	RTJUC	VALVITALIA	PRESS BAL REG GO FS NACE	WCB	LUBR 4140+ENP+PTFE PLUG	1
PLUG	200	8	TABLE D	FF	APV	STD TAPERED VENTURI LO	316	LUBR 316 PLUG	2
PLUG	250	10	600 CL.	RFSF	APV	PRESS BAL GO NACE	C/S	LUBR ENP PLUG	2
PLUG	300	12	150 CL.	RFSF	APV	PRESS BAL SHORT GO CD4MCU	DUPLEX	LUBR 329SS PLUG	1
PLUG	300	12	600 CL.	RTJUC	VALVITALIA	PRESS BAL REG GO FS NACE	WCB	LUBR 4140+ENP+PTFE PLUG	1
PLUG	400	16	125 CL.	UNDRILLFF	MILLIKEN	LINED FP ROUND PORT GO	CI	SR LINED SR PLUG	1
PLUG	500	20	600 CL.	RFSF	APV	PRESS BAL REG GO FS NACE	WCB	LUBR ENP PLUG	1
RELIEF	200	8	125 CL.	FF	CLAVAL	RA PILOT OP GLOBE 8-136EG	CI	BRONZE	1
RELIEF	20X25	.75X1	3000 CL.	NPT	AGCO	RA IPB 81MC 68-6/8/C 682M	WCB	316	1
RELIEF	80X100	3X4	150 CL.	RF	FARRIS	RA .26KA10-70	WCB	SS	14
VENT	8	1/4	6000 PSI	NPT	TWINLOCK	BUG VENT MUD DAUBER MD4	316	316 SCREEN	290

# VALVE SUMMARY LIST



TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
VENT	10	3/8	6000 PSI	NPT	TWINLOCK	BUG VENT MUD DAUBER MD6	316	316 SCREEN	50
VENT	15	1/2	6000 PSI	NPT	TWINLOCK	BUG VENT MUD DAUBER MD8	316	316 SCREEN	280

**ABBREVIATIONS:-**

**A105/LF2**=DUAL CERTIFIED A105N & LF2, **316/L**=DUAL CERTIFIED 316/316L, **A20**=ALLOY 20, **APV**=AUSTRALIAN PIPELINE VALVE, **1P**=1 PIECE (END ENTRY OR SIDE), **2P**=2 PIECE, **3P**=3 PIECE, **A20**=ALLOY 20 (CN7M), **BI-D**=BI DIRECTIONAL FLOW, **BRZ**=LG2 OR B62 BRONZE, **BW**=BUTTWELD, **CC**=CHROMIUM CARBIDE OVERLAY, **CGPTFE**=CARBON GRAPHITE FILLED PTFE SEAT, **CI**=CAST IRON, **CL**=ANSI/ASME CLASS, **CGPTFE**=CARBON+GRAPHITE REINFORCED PTFE 'STARFILL', **CPTFE**=CARBON FILLED PTFE SEAT, **CRYO**=CRYOGENIC, **E985**=ELAST-O-LION 985 -49° TO 160°C (AED), **ENP**=.003" ELECTROLESS NICKLE PLATED, **ENPH**=.003" ENP MIN 900VHN (67RC), **EXT BON**=EXTENDED BONNET, **F51**=DUPLEX STAINLESS (S31803/CD3MN)(+CT), **FB**=FULL BORE, **FF**=FLAT FACE, **FEP**=FUGITIVE EMISSION PACKING, **F TO F**=FACE TO FACE, **FL**=FLOATING BALL, **FS**=FIRE SAFE, **GRP**=GRAPHITE OR GRAPHOIL, **GO**=GEAR OPERATED, **HF**=STELLITE HARD FACE, **HT**=HIGH TEMPERATURE, **LD**=LOCKING DEVICE, **LO**=LEVER OPERATED, **LP**=LONG PATTERN, **NACE**=NACE MR-0175, **NF**=NON FIRE SAFE, **NP**=NICKLE PLATED, **NPT**=NATIONAL PIPE THREAD (LP THREAD), **PBE**=PLAIN BOTH ENDS - WE CAN SUPPLY AS IS FOR MALE SOCKET WELD OR MACHINE TO BUTTWELD IN EQUAL OR LIGHTER SCHEDULE, **PKG**=PACKING (STEM PACKING), **PRESS BAL**=PRESSURE BALANCED INVERTED PLUG, **PSB**=PRESSURE, **PUP**=INTEGRAL LONG ENDS, **RB**=REDUCED BORE, **RF**=RAISED FACE CONCENTRIC SERRATED, **RFSF**=RAISED FACE SMOOTH FINISH (3.2 TO 6.3 RA, 125 TO 150 AARH), **RTJ**=RING JOINT GASKET, **RTJUC**=TO RTJ SPECIFICATIONS UNMACHINED GROOVE CAN MACHINE TO RTJ OR RFSF, **SB**=STANDARD BORE, **SI**=SEALANT INJECTION SEATS + STEM OR BODY & STEM SMALL SIZES (316SS), **SW**=SOCKET WELD, **SP**=SHORT PATTERN, **ST**=STEM, **ST#6**=STELLITE #6 OVERLAY, **STELL**=STELLITE, **TABLE**=BRITISH/AUSTRALIAN STANDARD \*AS2129 AUSTRALIAN STANDARD\*AS487 TABLE FLANGING, **BS/ASTCC**=TUNGSTEN CARBIDE COATED, **TC**=THROUGH CONDUIT, **UNDRILL**=UNDRILLED, **UNI-D**=UNI DIRECTIONAL FLOW (ALL VALVES BI-D UNLESS SHOWN), **VAED**=ANTI EXPLOSIVE DECOMPRESSION JAMES WALKER FR58/90 OR HUTCHINSON (GASKETS INTERNATIONAL SRL ITALY) EQUIVALENT (NORSOK M710 CERTIFIED 10% CO2), **WB**=WELDED BODY, **XYL**=XYLAN (PTFE) COATED B8M BOLTS

\* Australian Standard AS2129 is equivalent to and derived from British Standard BS10. (Due to metrication, where flanges are drilled and tapped, AS flanges are metric as opposed to BS which can be UNC tapped. AS2129 is still in place for tale D to H but has been updated by AS 4087 which specifies the same drilling but uses the PN pressure rating system PN 16 to 35. BS Table J to K have been deleted and replaced by AS4331 (ISO 7005-1) which covers PN 2.5 to PN 420 (metric equivalent of ANSI B16.34/MSS-SP44)

ALL SIZES ARE IMPERIAL INCH, METRIC (MM) SIZES ARE TO SHOW NOMINAL EQUIVALENT ONLY.

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