

CHECK VALVES



TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
A LARGE RANGE OF GLOBAL SUPPLY LINE STOCK HOLDINGS ARE MANUFACTURED USING CASTINGS FROM API6A, 20A LICENSED AND LLOYDS/DNV OFFSHORE/SHIPPING APPROVED								
CHECK	8 1/4	800 CL	NPT	APV	SB BB PISTON	A105N	13CR+HFS	10
CHECK	8 1/4	800 CL	NPT	BONNEY FORGE	FB BB PISTON (A105 DUAL)	LF2	316+HF X750 SPR	10
CHECK	8 1/4	3000 PSI	NPT	FLOWTURN	SB IN-LINE 316 SPRING PISTON	316	.34 PSI CRACKING PRESSURE	20
CHECK	10 3/8	800 CL	NPT	BONNEY FORGE	FB BB PISTON (A105 DUAL)	LF2	316+HFS X 750	15
CHECK	15 1/2	150 CL	RFSF	APV	SB BB SWING NACE INTEG	316/L	316/L	3
CHECK	15 1/2	150 CL	RFSF	APV	SB BB PISTON NACE INTEG	A105N	13CR+HFS	9
CHECK	15 1/2	150 CL	RFSF	APV	SB BB SWING NACE INTEG	A105N	13CR+HFS	2
CHECK	15 1/2	150 CL	RFSF	APV	FB BB SWING	CF3M	316+HFS	7
CHECK	15 1/2	150 CL	RFSF	APV	FB BB SWING	CF8M	316+HFS	8
CHECK	15 1/2	150 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	316/L	316+HF INC SPR	7
CHECK	15 1/2	150 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	LF2	316+HF INC SPR	8
CHECK	15 1/2	300 CL	RFSF	APV	SB BB SWING INTEG	304/L	304	4
CHECK	15 1/2	300 CL	RFSF	APV	SB BB PISTON INTEG	316/L	316/L+HFS 316 SPR	6
CHECK	15 1/2	300 CL	RFSF	APV	SB BB PISTON INTEG	316/L	316	11
CHECK	15 1/2	300 CL	RFSF	APV	SB BB SWING INTEG	316/L	316	10
CHECK	15 1/2	300 CL	RFSF	APV	FB BB SWING INTEG	CF3M	316	7
CHECK	15 1/2	300 CL	RFSF	APV	FB BB SWING INTEG	CF8M	316	6
CHECK	15 1/2	300 CL	RFSF	APV	SB BB PISTON NACE INTEG	LF2	316+HF	6
CHECK	15 1/2	300 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	316/L	316+HF INC SPR	7
CHECK	15 1/2	300 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	LF2	316+HF INC SPR	8
CHECK	15 1/2	600 CL	RFSF	APV	SB BB PISTON INTEG	316/L	316 INC SPR	6
CHECK	15 1/2	600 CL	RFSF	APV	SB BB SWING NACE INTEG	A105N	13CR+HFS	3
CHECK	15 1/2	600 CL	RFSF	BONNEY FORGE	SB BB SWING NACE INTEG (A105N DUAL)	LF2	316+HFS	7
CHECK	15 1/2	600 CL	RFSF	BONNEY FORGE	SB BB PISTON NACE INTEG (A105N DUAL)	LF2	316+HFS	19
CHECK	15 1/2	800 CL	NPT	APV	SB BB SWING NACE	316	316	8
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON DUAL 304	304/L	304/L+HFS INC SPR	16
CHECK	15 1/2	800 CL	BSPT	APV	SB BB SWING DUAL 316 NACE	316/L	316/316L+HFS	358
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON DUAL 316	316/L	316 INC SPR	60
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON DUAL 316	316/L	316+HFS INC SPR	60
CHECK	15 1/2	800 CL	NPT	APV	SB BB SWING DUAL 316 NACE	316/L	316/316L+HFS	38
CHECK	15 1/2	800 CL	SW X NPT	APV	SB BB PISTON	316/L	316+HFS INC SPR	50
CHECK	15 1/2	800 CL	BSP	APV	SB BB PISTON	A105N	3CR +HFS	100
CHECK	15 1/2	800 CL	NPT	APV	SB BB BALL	A105N	13CR+HFS	16
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON NACE	A105N	13CR+HFS	100
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON NACE	A105N	13CR+HFS	100
CHECK	15 1/2	800 CL	NPT	APV	SB BB SWING	A105N	13CR+HFS	20
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON	F11	13CR+HFS	9
CHECK	15 1/2	800 CL	SW	APV	SB BB PISTON	F5	13CR+HFS	19
CHECK	15 1/2	800 CL	NPT	APV	SB BB PISTON (A105N DUAL)	LF2	316+HFS INC SPR	20
CHECK	15 1/2	800 CL	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	13CR+HFS INC SPR	5
CHECK	15 1/2	800 CL	NPT	BONNEY FORGE	FB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	30
CHECK	15 1/2	1500 CL	NPT	APV	SB BB PISTON	316	316 INC SPR	17
CHECK	15 1/2	1500 CL	NPT	APV	SB BB PISTON 316/316L DUAL	316/L	316/L INC SPR	18
CHECK	15 1/2	1500 CL	NPT	APV	FB BB PISTON NACE	A105N	316 + HFS INC SPR	8
CHECK	15 1/2	1500 CL	NPT	APV	FB WB SWING NACE SWING	A105N	316	4
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	A105N	13CR+HFS INC SPR	6
CHECK	15 1/2	1500 CL	NPT	APV	SB WB PISTON Y TYPE	A105N	316+HFS	8
CHECK	15 1/2	1500 CL	NPT	APV	SB BB PISTON NACE	LF2	316+HF INC SPR	14
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	NPT	BONNEY FORGE	FB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	30
CHECK	15 1/2	2500 CL	NPT	APV	FB 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	FB BB PISTON NACE	A105N	13CR+HF	120
CHECK	15 1/2	2500 CL	SW	APV	FB PSB PISTON NACE	A105N	13CR+HF	12
CHECK	15 1/2	2500 CL	BW160	APV	FB PSB PISTON NACE	LF2	316+HF	2
CHECK	15 1/2	2500 CL	SW	APV	FB BB PISTON NACE	LF2	13CR+HF	2
CHECK	15 1/2	2500 CL	NPT	BONNEY FORGE	FB WB PISTON	316/L	316/L+HFS INC SPR	3
CHECK	15 1/2	2500 CL	NPT	BONNEY FORGE	FB PSB SWING NACE (A105N DUAL)	LF2	13CR+HF	28
CHECK	15 1/2	5000 PSI	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	20
CHECK	15 1/2	TABLE R	RFSF	APV	SB BB PISTON INTEG	A105N	316	8
CHECK	20 3/4	150 CL	RFSF	APV	SB BB PISTON INTEG	316/L	316/L+HFS	12
CHECK	20 3/4	150 CL	RFSF	APV	SB BB SWING	316/L	316/L	10
CHECK	20 3/4	150 CL	RFSF	APV	SB BB PISTON INTEG	A105N	13CR+HFS	14
CHECK	20 3/4	150 CL	RFSF	APV	FB BB PISTON INTEG	CF3M	316/L+HF	7
CHECK	20 3/4	150 CL	RFSF	APV	SB BB SWING NACE INTEG	CF8M	316/L	8
CHECK	20 3/4	150 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	316/L	316/L+HF INC SPR	15
CHECK	20 3/4	150 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	LF2	316+HF INC SPR	20
CHECK	20 3/4	300 CL	RFSF	APV	SB BB PISTON INTEG DUAL CERT 304	304/L	304/L 304 SPR	1
CHECK	20 3/4	300 CL	RFSF	APV	SB BB PISTON INTEG	316/L	316/L+HFS 316 SPR	8
CHECK	20 3/4	300 CL	RFSF	APV	SB BB SWING INTEG	316/L	316/L+HFS	8
CHECK	20 3/4	300 CL	RFSF	APV	SB BB SWING INTEG	A105N	13CR+HFS	10
CHECK	20 3/4	300 CL	RFSF	APV	SB BB PISTON NACE INTEG	A105N	13CR+HFS INC SPR	20
CHECK	20 3/4	300 CL	RFSF	APV	FB BB SWING	CF3M	316/L+HFS	7
CHECK	20 3/4	300 CL	RFSF	APV	FB BB SWING	CF8M	316+HFS	8
CHECK	20 3/4	300 CL	RFSF	APV	SB BB PISTON NACE INTEG	F11	316+HF INC SPRING	1
CHECK	20 3/4	300 CL	RFSF	BONNEY FORGE	SB BB PISTON INTEG 316/316L DUAL	316/L	316/L+HF INC SPR	8
CHECK	20 3/4	300 CL	RFSF	BONNEY FORGE	SB BB PISTON NACE INTEG	F11	316+HF INC SPRING	1

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	20 3/4	300 CL.	RFSF	BONNEY FORGE	SB BB PISTON (A105N DUAL)	LF2	316+HF INC SPR	8
CHECK	20 3/4	600 CL.	RFSF	APV	SB BB SWING	316	316	7
CHECK	20 3/4	600 CL.	RTJUC	APV	SB BB SWING	316	316	6
CHECK	20 3/4	600 CL.	RFSF	APV	SB BB PISTON	A105N	13CR+HFS	4
CHECK	20 3/4	600 CL.	RFSF	APV	SB BB SWING NACE	A105N	13CR+HFS	6
CHECK	20 3/4	600 CL.	RFSF	BONNEY FORGE	SB BB SWING 316/316L DUAL CERT NACE	316/L	316+HF	12
CHECK	20 3/4	600 CL.	RFSF	BONNEY FORGE	SB BB SWING 316/316L DUAL CERT NACE	316/L	316+HF INC SPR	3
CHECK	20 3/4	600 CL.	RFSF	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HFS INC SPR	9
CHECK	20 3/4	600 CL.	RFSF	OMB	SB BB PISTON NACE INTEG	A105N	13CR+HFS	18
CHECK	20 3/4	800 CL.	NPT	APV	SB BB PISTON DUAL 304	304/L	304+HFS INC SPR	4
CHECK	20 3/4	800 CL.	BSPT	APV	FB BB PISTON (316 DUAL)	316/L	316 316 SPR	5
CHECK	20 3/4	800 CL.	BSPT	APV	FB BB BALL (316 DUAL)	316/L	316 316 SPR	5
CHECK	20 3/4	800 CL.	BW80	APV	SB BB PISTON DUAL 316	316/L	316+HFS 316 SPR	6
CHECK	20 3/4	800 CL.	NPT	APV	SB BB PISTON DUAL 316	316/L	316+HFS INC SPR	100
CHECK	20 3/4	800 CL.	NPT	APV	SB BB SWING DUAL 316	316/L	316	13
CHECK	20 3/4	800 CL.	NPT	APV	SB BB BALL DUAL 316/316L	316/L	316+HFS	20
CHECK	20 3/4	800 CL.	SW	APV	FB BB PISTON (316 DUAL)	316/L	316 316 SPR	5
CHECK	20 3/4	800 CL.	SW	APV	FB BB BALL (316 DUAL)	316/L	316 316 SPR	5
CHECK	20 3/4	800 CL.	SW	APV	SB BB PISTON DUAL 316	316/L	316+HFS INC SPR	20
CHECK	20 3/4	800 CL.	BSP	APV	SB BB PISTON	A105N	13CR+HFS	100
CHECK	20 3/4	800 CL.	NPT	APV	SB BB BALL	A105N	316	14
CHECK	20 3/4	800 CL.	NPT	APV	SB BB PISTON	A105N	13CR+HFS	70
CHECK	20 3/4	800 CL.	NPT	APV	SB BB SWING	A105N	13CR+HFS	32
CHECK	20 3/4	800 CL.	NPT	APV	FB BB SWING	A105N	13CR+HFS	20
CHECK	20 3/4	800 CL.	NPT	APV	SB BB PISTON NACE	LF2	316+HF INC SPR	12
CHECK	20 3/4	800 CL.	NPT	APV	SB BB SWING	LF2	316+HF	10
CHECK	20 3/4	800 CL.	NPT	BONNEY FORGE	SB BB PISTON DUAL 316	316/L	316+HFS INC SPR	30
CHECK	20 3/4	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE	A105N	13CR+HFS INC SPR	30
CHECK	20 3/4	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	30
CHECK	20 3/4	1500 CL.	NPT	APV	SB BB PISTON NACE DUAL 316	316/L	316+HFS INC SPR	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.	RTJUC	APV	SB BB PISTON NACE INTEG	316/L	316+HFS	1
CHECK	20 3/4	1500 CL.	RTJUC	APV	SB BB SWING NACE INTEG	316/L	316+HFS	1
CHECK	20 3/4	1500 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HFS	4
CHECK	20 3/4	1500 CL.	NPT	APV	SB WB PISTON	A105N	316+HFS	2
CHECK	20 3/4	1500 CL.	NPT	APV	FB BB PISTON NACE	F11	13CR+HF X750 SPR	7
CHECK	20 3/4	1500 CL.	NPT	APV	SB BB PISTON NACE	LF2	316+HF INC SPR	10
CHECK	20 3/4	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE	F11	13CR+HFS X750 SPR	4
CHECK	20 3/4	1500 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	13CR+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	FB PSB PISTON NACE	316/L	316 INC SPR	11
CHECK	20 3/4	2500 CL.	NPT	APV	FB BB PISTON NACE INTEG	A105N	13CR+HF	4
CHECK	20 3/4	TABLE R	RFSF	APV	SB BB PISTON INTEG	C/S	13CR	2
CHECK	25 1	150 CL.	RFSF	APV	SB BB SWING INTEG	304L	304L	4
CHECK	25 1	150 CL.	RFSF	APV	SB BB PISTON INTEG	316/L	316/L+HFS INC SPR	8
CHECK	25 1	150 CL.	RFSF	APV	SB BB SWING DUAL 316	316/L	316+HF	10
CHECK	25 1	150 CL.	RFSF	APV	SB BB PISTON NACE INTEG	A105N	13CR+HFS	14
CHECK	25 1	150 CL.	RFSF	APV	SB BB SWING INTEG	A105N	13CR+HFS	20
CHECK	25 1	150 CL.	RFSF	APV	SB BB SWING INTEG	A105N	316+HF	12
CHECK	25 1	150 CL.	RFSF	APV	SB BB SWING INTEG (CN7M)	A20	ALLOY 20	2
CHECK	25 1	150 CL.	RFSF	APV	FB BB SWING INTEG	CF3M	316	8
CHECK	25 1	150 CL.	RFSF	APV	FB BB SWING INTEG DUAL CERT CF8/CF3	CF8/CF3	304/L	10
CHECK	25 1	150 CL.	RFSF	APV	FB BB SWING INTEG	CF8M	316+HFS	12
CHECK	25 1	150 CL.	RFSF	APV	FB BB SWING NACE INTEG	F51	F51+HFS	4
CHECK	25 1	150 CL.	RFSF	APV	SB BB SWING NACE INTEG	MONEL	MONEL 400 INC SPR	2
CHECK	25 1	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON INTEG DUAL 316	316/L	316+HF INC SPR	20
CHECK	25 1	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON	F51	F51	5
CHECK	25 1	150 CL.	RFSF	BONNEY FORGE	SB BB SWING (A105N DUAL)	LF2	13CR+HFS	28
CHECK	25 1	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON (A105N DUAL)	LF2	316+HF INC SPR	30
CHECK	25 1	150 CL.	RFSF	BONNEY FORGE	FB BB SWING (A105N DUAL)	LF2	13CR+HFS	18
CHECK	25 1	150 CL.	RFSF	JC	FB BB SWING INTEG	CF8M	316+HFS	7
CHECK	25 1	150 CL.	RF WAFER	SUPERCHECK	SWING FULL OPEN LP	316	316+SOFT/METAL INC SPR	POA
CHECK	25 1	300 CL.	RFSF	APV	SB BB PISTON 304/304L DUAL	304/L	304/L+HFS	2
CHECK	25 1	300 CL.	UNDRILLRF	APV	SB BB SWING	316/L	316+HFS 316 SPR	4
CHECK	25 1	300 CL.	UNDRILLRF	APV	SB BB PISTON	316/L	316+HFS	8
CHECK	25 1	300 CL.	RFSF	APV	SB BB PISTON NACE INTEG	A105N	13CR+HFS	8
CHECK	25 1	300 CL.	RFSF	APV	SB BB SWING	A105N	13CR+HFS	10
CHECK	25 1	300 CL.	RFSF	APV	FB BB SWING INTEG	CF3M	316	8
CHECK	25 1	300 CL.	RFSF	APV	FB BB SWING	CF3M	316L+HFS	6
CHECK	25 1	300 CL.	RFSF	APV	FB BB SWING INTEG	CF8M	316	9
CHECK	25 1	300 CL.	RFSF	APV	FB BB SWING	CF8M	316+HFS	6
CHECK	25 1	300 CL.	UNDRILLRF	APV STEAMCO	FB BB PISTON INTEG	ALBRZ	BRONZE	3
CHECK	25 1	300 CL.	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	316/L	316+HF INC SPR	6
CHECK	25 1	300 CL.	RFSF	BONNEY FORGE	SB BB PISTON	LF2	13CR+HFS INC SPR	8
CHECK	25 1	300 CL.	RFSF	BONNEY FORGE	SB BB SWING (A105N DUAL)	LF2	13CR+HFS	10
CHECK	25 1	300 CL.	RF WAFER	SUPERCHECK	SWING FULL OPEN LP	316	316+SOFT/METAL INC SPR	POA
CHECK	25 1	600 CL.	RFSF	APV	SB BB SWING NACE	304	304	1
CHECK	25 1	600 CL.	RFSF	APV	SB BB PISTON NACE DUAL 316	316/L	316+HFS INC SPR	8
CHECK	25 1	600 CL.	RFSF	APV	SB BB SWING INTEG DUAL 316	316/L	316+HFS	14
CHECK	25 1	600 CL.	RTJUC	APV	SB BB PISTON NACE INTEG DUAL 316	316/L	316	4
CHECK	25 1	600 CL.	UNDRILLRF	APV	SB BB SWING INTEG DUAL 316	316/L	316/L+HFS	2
CHECK	25 1	600 CL.	RFSF	APV	SB BB PISTON NACE	A105N	13CR+HFS	20
CHECK	25 1	600 CL.	RFSF	APV	SB BB SWING NACE	A105N	13CR+HFS	11

TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	25	1	600 CL.	RTJUC	APV	SB BB SWING NACE INTEG	A105N	13CR+HFS	20
CHECK	25	1	600 CL.	RFSF	APV	SB BB SWING DUAL F11	F22	13CR+HF	2
CHECK	25	1	600 CL.	RTJUC	APV	SB BB SWING NACE INTEG	LF2	316+HF	16
CHECK	25	1	600 CL.	RTJUC	APV	SB BB SWING NACE INTEG	LF2	316+HFS	14
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	BONNEY FORGE	SB BB PISTON NACE INTEG A105N DUAL	LF2	316+HF INC SPR	20
CHECK	25	1	600 CL.	RF WAFER	SUPERCHECK	SWING FULL OPEN LP UNIFLAP	316	316+SOFT/METAL INC SPR	POA
CHECK	25	1	800 CL.	BSP	APV	SB BB SWING	316	316	30
CHECK	25	1	800 CL.	NPT	APV	FB BB DUAL 304	304/L	304/L+HFS INC SPR	8
CHECK	25	1	800 CL.	NPT	APV	SB BB PISTON DUAL 304	304/L	304+HF	4
CHECK	25	1	800 CL.	BSP	APV	SB BB SWING DUAL 316	316/L	316	40
CHECK	25	1	800 CL.	BSPT	APV	FB BB BALL (316 DUAL)	316/L	316 316 SPR	4
CHECK	25	1	800 CL.	BSPT	APV	FB BB PISTON (316 DUAL)	316/L	316 316 SPR	4
CHECK	25	1	800 CL.	BW80	APV	SB BB PISTON DUAL 316	316/L	316/L 316 SPR	5
CHECK	25	1	800 CL.	NPT	APV	SB BB PISTON DUAL 316	316/L	316 INC SPR	14
CHECK	25	1	800 CL.	NPT	APV	SB WB PISTON DUAL 316 Y TYPE	316/L	316 INC SPR	18
CHECK	25	1	800 CL.	NPT	APV	SB BB PISTON DUAL 316	316/L	316/L INC SPR	36
CHECK	25	1	800 CL.	NPT	APV	SB BB SWING DUAL 316	316/L	316/L	11
CHECK	25	1	800 CL.	NPT	APV	SB BB SWING DUAL 316 NACE	316/L	316+HFS	26
CHECK	25	1	800 CL.	SW	APV	FB BB BALL (316 DUAL)	316/L	316 316 SPR	4
CHECK	25	1	800 CL.	SW	APV	FB BB PISTON (316 DUAL)	316/L	316 316 SPR	4
CHECK	25	1	800 CL.	BSP	APV	SB BB PISTON	A105N	13CR+HFS	150
CHECK	25	1	800 CL.	BSP	APV	SB BB PISTON	A105N	13CR+HFS INC SPR	100
CHECK	25	1	800 CL.	BSP	APV	SB BB SWING	A105N	13CR+HFS	70
CHECK	25	1	800 CL.	NPT	APV	SB BB PISTON	A105N	13CR+HFS INC SPR	80
CHECK	25	1	800 CL.	NPT	APV	SB 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.	NPT	APV	SB BB SWING	A105N	13CR+HFS	26
CHECK	25	1	800 CL.	NPT	APV	SB BB PISTON	F11	13CR+HFS INC SPR	4
CHECK	25	1	800 CL.	BW80	APV	SB BB SWING NACE	LF2	316+HFS	10
CHECK	25	1	800 CL.	NPT	APV	SB BB PISTON NACE	LF2	316+HFS INC SPR	24
CHECK	25	1	800 CL.	NPT	APV	SB BB SWING NACE	LF2	316+HFS	16
CHECK	25	1	800 CL.	NPT	APV	SB BB BALL	A105N	13CR+HFS	14
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB PISTON DUAL 316	316/L	316/L+HFS INC X750 SPR	50
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB SWING DUAL 316	316/L	316/L+HFS	50
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	F22	13CR+HF	9
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB PISTON DUAL A105N	LF2	316/L+HFS	12
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	13CR+HFS INC SPR	110
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	100
CHECK	25	1	800 CL.	NPT	BONNEY FORGE	SB BB SWING NACE (A105N DUAL)	LF2	316+HFS	35
CHECK	25	1	1500 CL.	NPT	APV	FB BB PISTON NACE DUAL 316	316/L	316+HFS INC SPR	6
CHECK	25	1	1500 CL.	NPT	APV	FB BB SWING NACE DUAL 316	316/L	316 +HFS	3
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB PISTON INTEG DUAL 316	316/L	316+HFS INC SPR	2
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB PISTON NACE DUAL 316	316/L	316+HFS	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	FB BB PISTON NACE	A105N	13CR+HF	16
CHECK	25	1	1500 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HFS	7
CHECK	25	1	1500 CL.	NPT	APV	FB WB PISTON	A105N	13CR+HF	4
CHECK	25	1	1500 CL.	RTJ	APV	FB BB PISTON NACE INTEG	A105N	13CR+HFS	6
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB SWING NACE INTEG	A105N	13CR+HF	6
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB SWING NACE INTEG	A105N	13CR+HF	12
CHECK	25	1	1500 CL.	RTJUC	APV	FB BB PISTON NACE INTEG	A105N	13CR+HFS	6
CHECK	25	1	1500 CL.	SW	APV	FB BB PISTON NACE	A105N	13CR+HFS	30
CHECK	25	1	1500 CL.	NPT	APV	FB BB PISTON NACE	F22	13CR+HF	4
CHECK	25	1	1500 CL.	NPT	APV	FB BB SWING	LF2	316+HF	6
CHECK	25	1	1500 CL.	NPT	BONNEY FORGE	FB BB PISTON NACE DUAL 316	316/L	316 INC SPR	8
CHECK	25	1	1500 CL.	NPT	BONNEY FORGE	FB BB PISTON NACE	F22	13CR+HF	4
CHECK	25	1	1500 CL.	NPT	BONNEY FORGE	FB BB PISTON NACE (A105N DUAL)	LF2	13CR+HF INC SPR	20
CHECK	25	1	1500 CL.	RTJUC	BONNEY FORGE	FB BB PISTON INTEG (A105N DUAL)	LF2	13CR+HF INC SPR	6
CHECK	25	1	1500 CL.	RF WAFER	SUPERCHECK	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	FB BB PISTON DUAL 316	316/L	316 INC SPR	4
CHECK	25	1	2500 CL.	RTJ	APV	FB BB PISTON DUAL 316	316/L	316+HFS	1
CHECK	25	1	2500 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	20
CHECK	25	1	2500 CL.	NPT	APV	FB BB PISTON Y TYPE	A105N	13CR+HF INC SPR	24
CHECK	25	1	2500 CL.	NPT	APV	FB PSB PISTON Y TYPE	A105N	13CR+HF INC SPR	23
CHECK	25	1	2500 CL.	NPT	APV	FB PSB SWING	A105N	13CR+HF INC SPR	7
CHECK	25	1	2500 CL.	BW40	APV	FB BB PISTON	LF2	316+HFS	2
CHECK	25	1	2500 CL.	NPT	BONNEY FORGE	FB BB PISTON (A105N DUAL)	LF2	316+HF INC SPR	8
CHECK	25	1	2500 CL.	NPT	BONNEY FORGE	FB WB PISTON NACE (A105N DUAL)	LF2	13CR+HF	2
CHECK	25	1	2500 CL.	SW	FASANI	FB WB PISTON Y STYLE	F11	13CR+HF	2
CHECK	25	1	2500 CL.	RF WAFER	SUPERCHECK	SWING FULL OPEN LP	316	316+SOFT/METAL INC SPR	POA
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+BUANA SEAT	2
CHECK	25	1	TABLE	R-T UNDRILLRF	APV	FB BB PISTON INTEG	WCB	316	2
CHECK	32	1 1/4	150 CL.	RFSF	APV	FB SWING BB CF3M DUAL	CF8M	316/L	3
CHECK	32	1 1/4	800 CL.	BSP	APV	SB PISTON BB	A105N	13CR+HFS INC SPR	6
CHECK	32	1 1/4	800 CL.	BSP	APV	SB SWING BB	A105N	13CR+HFS INC SPR	10
CHECK	32	1 1/4	800 CL.	NPT	APV	SB SWING BB	A105N	13CR+HFS INC SPR	10
CHECK	32	1 1/4	800 CL.	NPT	APV	SB PISTON BB	A105N	13CR+HFS INC SPR	6
CHECK	32	1 1/4	1000 PSI	NPT	FLOWTURN	FB 3P PISTON INLINE	316	316	4
CHECK	40	1 1/2	150 CL.	RFSF	APV	SB BB BALL INTEG	A105N	13CR+HFS	2
CHECK	40	1 1/2	150 CL.	RFSF	APV	SB BB PISTON NACE INTEG	A105N	13CR+HFS	8

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	40 1 1/2	150 CL.	RFSF	APV	SB BB SWING INTEG	A105N	13CR + HFS	8
CHECK	40 1 1/2	150 CL.	RFSF	APV	FB BB SWING DUAL CERT CF8/CF3	CF8/CF3	304/L	2
CHECK	40 1 1/2	150 CL.	RFSF	APV	FB BB SWING (316 DUAL)	CF8M	316+HFS	6
CHECK	40 1 1/2	150 CL.	RFSF	APV	FB BB PISTON	CF8M/CF3M	316/L 316 SPR	4
CHECK	40 1 1/2	150 CL.	RFSF	APV	FB BB SWING	CF8M/CF3M	316/L	19
CHECK	40 1 1/2	150 CL.	RFSF	APV	FB BB SWING	F51	F51+HFS	4
CHECK	40 1 1/2	150 CL.	RFSF	APV	FB BB SWING	WCB	13CR+HFS	16
CHECK	40 1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON (316 DUAL)	316/L	316/L+HF INC SPR	8
CHECK	40 1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BB SWING (316 DUAL)	316/L	316/L+HF INC SPR	8
CHECK	40 1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BB SWING	F51	F51	2
CHECK	40 1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BB SWING INTEG (A105N DUAL)	LF2	13CR + HF	10
CHECK	40 1 1/2	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON (A105N DUAL)	LF2	316/L+HF INC SPR	10
CHECK	40 1 1/2	300 CL.	RFSF	APV	FB BB SWING DUAL CERT CF8/CF3	CF8/CF3	304/L	5
CHECK	40 1 1/2	300 CL.	RFSF	APV	FB BB SWING	CF8M/CF3M	316/L	7
CHECK	40 1 1/2	300 CL.	UNDRILLRF	APV	FB BB PISTON	CF8M/CF3M	316/L+HFS 316 SPR	3
CHECK	40 1 1/2	300 CL.	RFSF	APV	SB BB SWING INTEG	F5	13CR+HFS	2
CHECK	40 1 1/2	300 CL.	RFSF	APV	FB BB PISTON NACE	WCB	13CR+HFS INC SPR	9
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	BONNEY FORGE	SB BB SWING INTEG	316	316+HFS	4
CHECK	40 1 1/2	300 CL.	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	316/L	316+HF INC SPR	6
CHECK	40 1 1/2	300 CL.	RFSF	BONNEY FORGE	SB BB PISTON INTEG NACE	LF2	316+HF INC SPR	8
CHECK	40 1 1/2	600 CL.	RFSF	APV	SB BB SWING NACE (316 DUAL)	316/L	316/L+HFS INC SPR	8
CHECK	40 1 1/2	600 CL.	RTJUC	APV	SB BB SWING NACE INTEG	A105N	13CR+HF	12
CHECK	40 1 1/2	600 CL.	RTJUC	APV	SB BB PISTON NACE INTEG	LF2	316+HFS INC SPR	9
CHECK	40 1 1/2	600 CL.	RFSF	BONNEY FORGE	SB BB SWING NACE (316 DUAL)	316/L	316/L+HFS	3
CHECK	40 1 1/2	600 CL.	RFSF	BONNEY FORGE	SB BB PISTON NACE INTEG (316 DUAL)	316/L	316+HFS	8
CHECK	40 1 1/2	600 CL.	RTJUC	BONNEY FORGE	SB BB SWING NACE INTEG (A105N DUAL)	LF2	316+HF	16
CHECK	40 1 1/2	800 CL.	NPT	APV	SB BB PISTON DUAL 304	304/L	304+HFS	2
CHECK	40 1 1/2	800 CL.	NPT	APV	SB BB PISTON DUAL 316	316/L	316+HFS 316 SPR	14
CHECK	40 1 1/2	800 CL.	NPT	APV	SB BB SWING DUAL 316	316/L	316+HF	12
CHECK	40 1 1/2	800 CL.	NPT	APV	FB BB SWING DUAL 316	316/L	316+HF	3
CHECK	40 1 1/2	800 CL.	SW	APV	SB BB SWING DUAL 316	316/L	316+HFS	6
CHECK	40 1 1/2	800 CL.	BSP	APV	SB BB PISTON	A105N	13CR+HFS	70
CHECK	40 1 1/2	800 CL.	BSP	APV	SB BB SWING	A105N	13CR+HFS	30
CHECK	40 1 1/2	800 CL.	NPT	APV	SB BB PISTON NACE	A105N	13CR+HFS	20
CHECK	40 1 1/2	800 CL.	NPT	APV	SB BB SWING	A105N	13CR+HFS	30
CHECK	40 1 1/2	800 CL.	NPT	APV	SB BB BALL	A105N	13CR+HFS	10
CHECK	40 1 1/2	800 CL.	SW	APV	FB BB PISTON	A105N	13CR+HFS 316 SPR	33
CHECK	40 1 1/2	800 CL.	SW	APV	SB BB SWING	A105N	13CR+HFS	10
CHECK	40 1 1/2	800 CL.	BW40	APV	SB BB SWING	F11	13CR+HF	3
CHECK	40 1 1/2	800 CL.	NPT	BONNEY FORGE	SB BB PISTON DUAL 316	316/L	316+HFS 316 SPR	7
CHECK	40 1 1/2	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	13CR+HFS	30
CHECK	40 1 1/2	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HF	30
CHECK	40 1 1/2	800 CL.	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	10
CHECK	40 1 1/2	1500 CL.	NPT	APV	FB BB PISTON NACE	316/L	316+HFS 316 SPR	2
CHECK	40 1 1/2	1500 CL.	NPT	APV	FB BB SWING NACE DUAL 316	316/L	316+HF	2
CHECK	40 1 1/2	1500 CL.	NPT	APV	FB BB PISTON NACE	A105N	13CR+HFS	8
CHECK	40 1 1/2	1500 CL.	NPT	APV	FB BB SWING NACE	A105N	316+HF	6
CHECK	40 1 1/2	1500 CL.	RTJUC	APV	FB BB SWING NACE INTEG	A105N	13CR+HFS	5
CHECK	40 1 1/2	1500 CL.	RTJUC	APV	FB BB SWING NACE INTEG	A105N	13CR+HFS	2
CHECK	40 1 1/2	1500 CL.	NPT	APV	FB BB PISTON NACE	LF2	316+HFS INC SPR	6
CHECK	40 1 1/2	1500 CL.	NPT	APV	FB BB SWING NACE	LF2	316+HFS	6
CHECK	40 1 1/2	1500 CL.	NPT	BONNEY FORGE	FB BB SWING NACE DUAL 316	316/L	316/L+HF	2
CHECK	40 1 1/2	1500 CL.	NPT	BONNEY FORGE	FB BB SWING NACE DUAL 316	316/L	316/L+HF	2
CHECK	40 1 1/2	1500 CL.	NPT	BONNEY FORGE	FB BB PISTON NACE (A105N DUAL)	LF2	316+HF INC SPR	13
CHECK	40 1 1/2	1500 CL.	NPT	BONNEY FORGE	FB BB SWING NACE	LF2	316+HFS	5
CHECK	40 1 1/2	2500 CL.	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	12
CHECK	40 1 1/2	2500 CL.	NPT	APV	FB PSB PISTON	A105N	13CR+HF INC SPR	3
CHECK	40 1 1/2	2500 CL.	BW40	APV	FB WB PISTON	F11	13CR+HF	3
CHECK	40 1 1/2	3000 PSI	NPT	FLOWTURN	FB 1P PISTON IN LINE	316	316 316 SPR	7
CHECK	40 1 1/2	5000 PSI	BSP	FLOWTURN	FB 1P PISTON IN LINE	C/S	316 316 SPR	2
CHECK	40 1 1/2	6000 PSI	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	12
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	FLOWTURN	FB BB SWING BB	CI	BRONZE	17
CHECK	50 2	125 CL.	FF	SAUNDERS	FB 2P HRL NX	DI	BUTYL FLAP	8
CHECK	50 2	150 CL.	RFSF	APV	SB BB PISTON	316/L	316/L+316 SPR SW316 PTFE BG	2
CHECK	50 2	150 CL.	RFSF	APV	FB BB BALL INTEG	A105N	13CR+HFS	2
CHECK	50 2	150 CL.	RFSF	APV	SB BB PISTON NACE INTEG	A105N	13CR+HFS INC SPR	9
CHECK	50 2	150 CL.	UNDRILLRF	APV	FB BB SWING NACE 0050AP147L4UDC API594	CF3M	316	4
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING 0050AP147P8A DUAL CERT CF8/CF3	CF8/CF3	304/L	8
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING NACE 0050AP147LN2 API594	CF8M	316+HFS	13
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING ALLOY 20	CN7M	ALLOY 20	3
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING NACE 4A CAST API594	F51	F51+HFS	2
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING NACE 0050AP147LXUN2B API594	LCB	316+HFS	20
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING NACE 0050AP147LN2 API594	LCC	316+HFS	20
CHECK	50 2	150 CL.	UNDRILLRF	APV	FB BB SWING NICKLE ALUMINIUM BRONZE	NIABZ	MONEL	3
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING NACE API594	WCB	13CR+HFS	40
CHECK	50 2	150 CL.	RFSF	APV	FB BB SWING NACE C/W SIDE PAD FULL OPENING	WCB	316+HFS	20
CHECK	50 2	150 CL.	RFSF	APV-FZV	FB BB SWING NACE SHELL/EXXON BP APP.	WCB	13CR+HF	30
CHECK	50 2	150 CL.	RFSF	BONNEY FORGE	SB BB PISTON	316/L	316/L+HF INC SPR	5
CHECK	50 2	150 CL.	RFSF	BONNEY FORGE	SB BB SWING	316/L	316/L+HF	4
CHECK	50 2	150 CL.	RFSF	BONNEY FORGE	FB BB SWING NACE (A105N DUAL)	LF2	316+HF	4

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	50 2	150 CL	RFSF	BONNEY FORGE	FB BB SWING NACE (A105N DUAL)	LF2	F6A+HF	4
CHECK	50 2	150 CL	RFSF	BONNEY FORGE	SB BB SWING NACE (A105N DUAL)	LF2	316+HFS	4
CHECK	50 2	150 CL	RFSF	BONNEY FORGE	SB BB SWING NACE (A105N DUAL)	LF2	13CR+HF	5
CHECK	50 2	200 PSI	BSP	FLOWTURN	SB SCB SWING	316	316	4
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING	C5	13CR+HF API594	4
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING 0050AP159P8 DUAL CERT CF8/CF3	CF8/CF3	304/L API594	4
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING NACE 0050AP159LXU8M-A4	CF8M	316+HFS API594	15
CHECK	50 2	300 CL	UNDRILLRF	APV	FB BB PISTON 0050APSLCL4UD	CF8M	316+HFS INC SPR API594	13
CHECK	50 2	300 CL	UNDRILLRF	APV	FB BB SWING 4A CAST	F51	F51+HFS API594	2
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING NACE	LCB	316+HFS API594	20
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING NACE (LCB/WCB DUAL)	LCC	316+HFS API594	20
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING	WC6	13CR+HF API594	20
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING NACE	WCB	13CR+HF API594	40
CHECK	50 2	300 CL	RFSF	APV	FB BB SWING NACE	WCB	13CR+HFS API594	36
CHECK	50 2	300 CL	UNDRILLRF	APV STEAMCO	FB BB PISTON 0050APSLCLXUZUD API594	WCB	13CR+HFS INC SPR	12
CHECK	50 2	300 CL	RFSF	APV-FZV	FB BB SWING NACE SHELL/EXXON BP APP.	WCB	13CR+HFS API594	24
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	SB BB PISTON	316/L	316/L+HF INC SPR	2
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	FB BB SWING NACE -196°C FULL PORT	316/L	316+HFS API594	2
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	SB BB SWING NACE (A105N DUAL)	LF2	316+HF	4
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	FB BB SWING NACE (A105N DUAL)	LF2	F6A+HF	3
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	FB BB SWING NACE (A105N DUAL)	LF2	316+HF	3
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	FB BB PISTON NACE (A105N DUAL)	LF2	13CR+HFS	20
CHECK	50 2	300 CL	RFSF	BONNEY FORGE	SB BB SWING NACE (A105N DUAL)	LF2	13CR+HFS	8
CHECK	50 2	600 CL	RFSF	APV	SB BB PISTON NACE INTEG	A105N	316+HF INC SPR	12
CHECK	50 2	600 CL	RFSF	APV	FB BB SWING NACE API594	CF8M	316+HFS API594	10
CHECK	50 2	600 CL	RFSF	APV	FB BB PISTON NACE INTEG	LCC	316+HF INC SPR API594	10
CHECK	50 2	600 CL	RTJ	APV	FB BB SWING	WCB	13CR+HF API594	10
CHECK	50 2	600 CL	BW80	APV	FB BB SWING	WCC	13CR+HF API594	10
CHECK	50 2	600 CL	RFSF	APV	FB BB SWING NACE 0050AP175LXU1PN	WCC	13CR+HFS	10
CHECK	50 2	600 CL	RFSF	APV-FZV	FB BB SWING NACE SHELL/EXXON BP APP.	CF8M	316+HFS API594	10
CHECK	50 2	600 CL	RFSF	APV-FZV	FB BB PISTON NACE INTEG	LCC	316+HF INC SPR API6D	10
CHECK	50 2	600 CL	RFSF	APV-FZV	FB BB SWING NACE CHEVRON SHELL BP APP	WCB	13CR+HF API594	10
CHECK	50 2	600 CL	RFSF	BONNEY FORGE	SB BB SWING NACE INTEG	316/L	316+HF	8
CHECK	50 2	600 CL	RFSF	BONNEY FORGE	FB BB PISTON NACE INTEG (A105N DUAL)	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	800 CL	NPT	APV	SB BB SWING DUAL 304/304L	304/L	304+HFS	8
CHECK	50 2	800 CL	BSPT	APV	SB BB SWING DUAL 316	316/L	316 +HFS	25
CHECK	50 2	800 CL	NPT	APV	FB BB SWINGB DUAL 316	316/L	316	4
CHECK	50 2	800 CL	NPT	APV	SB BB PISTON NACE	316/L	316	16
CHECK	50 2	800 CL	NPT	APV	SB BB SWING DUAL 316	316/L	316+HFS	8
CHECK	50 2	800 CL	SW	APV	FB BB SWING DUAL 316	316/L	316+HFS	4
CHECK	50 2	800 CL	BSPT	APV	SB BB SWING	A105N	13CR+HFS	30
CHECK	50 2	800 CL	BSPT	APV	SB BB PISTON	A105N	13CR INC SPR	100
CHECK	50 2	800 CL	BW80	APV	SB BB PISTON	A105N	13CR+HFS	6
CHECK	50 2	800 CL	NPT	APV	FB BB SWING NACE	A105N	13CR+HFS	30
CHECK	50 2	800 CL	NPT	APV	SB BB BALL	A105N	13CR+HFS INC SPR	22
CHECK	50 2	800 CL	NPT	APV	SB BB PISTON	A105N	13CR+HFS INC SPR	60
CHECK	50 2	800 CL	NPT	APV	SB BB SWING	A105N	13CR	100
CHECK	50 2	800 CL	SW	APV	SB BB PISTON	A105N	13CR+HFS INC SPR	66
CHECK	50 2	800 CL	SW	APV	SB BB SWING	A105N	13CR+HFS	10
CHECK	50 2	800 CL	SW	APV	SB BB PISTON	F11	13CR+HF	2
CHECK	50 2	800 CL	SW	APV	SB BB PISTON DUAL 316	F316/L	316+HFS INC SP	8
CHECK	50 2	800 CL	NPT	APV	SB BB PISTON NACE DUAL 316	LF2	316 316 SPR	9
CHECK	50 2	800 CL	NPT	BONNEY FORGE	SB BB PISTON NACE DUAL 316	316/L	13CR+HFS 316 SPR	20
CHECK	50 2	800 CL	NPT	BONNEY FORGE	SB BB PISTON DUAL 316	F316/L	316+HF INC SP	10
CHECK	50 2	800 CL	NPT	BONNEY FORGE	SB BB SWING DUAL 316	F316/L	316+HFS INC SP	8
CHECK	50 2	800 CL	NPT	BONNEY FORGE	SB BB PISTON (A105N DUAL)	LF2	13CR+HFS INC SPR	100
CHECK	50 2	800 CL	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	316+HF	40
CHECK	50 2	800 PSI	BSPT	FLOWTURN	FB SCB PISTON Y TYPE	316/L	316+PTFE SEAT 316 SPR	1
CHECK	50 2	1500 CL	NPT	APV	FB BB PISTON NACE DUAL 316	316/L	316 INC SPR	6
CHECK	50 2	1500 CL	NPT	APV	SB BB SWING DUAL 316	316/L	316+HFS	2
CHECK	50 2	1500 CL	NPT	APV	FB WB SWING NACE DUAL 316	316/L	316+HF	2
CHECK	50 2	1500 CL	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	13
CHECK	50 2	1500 CL	NPT	APV	FB BB SWING NACE	A105N	13CR+HFS	15
CHECK	50 2	1500 CL	RFSF	APV	FB BB PISTON	A105N	13CR+HF INC SPR	8
CHECK	50 2	1500 CL	RTJUC	APV	FB BB PISTON NACE	A105N	316 INC SPR	6
CHECK	50 2	1500 CL	SW	APV	FB BB BALL Y TYPE	A105N	13CR+HFS	7
CHECK	50 2	1500 CL	SW	APV	FB BB PISTON Y TYPE	A105N	316+HFS	2
CHECK	50 2	1500 CL	RTJUC	APV	FB BB SWING NACE	CF8M	316+HFS API594	2
CHECK	50 2	1500 CL	RTJUC	APV	FB BB SWING NACE LCB DUAL	LCC	316+HF API594	4
CHECK	50 2	1500 CL	NPT	APV	FB BB PISTON NACE A105N DUAL	LF2	13CR+HFS INC SPR	13
CHECK	50 2	1500 CL	NPT	APV	FB BB SWING NACE	LF2	316+HF	6
CHECK	50 2	1500 CL	BW160	APV	FB BB SWING NACE 0050AP199UNBW160E API594	WCB	13CR+HF	5
CHECK	50 2	1500 CL	BW80	APV	FB BB SWING NACE 0050AP199XUBW80E API594	WCB	13CR+HFS	3
CHECK	50 2	1500 CL	RTJ	APV	FB BB SWING NACE 0050AP199XUNUME API594	WCB	13CR+HFS	9
CHECK	50 2	1500 CL	RTJ	APV	FB PSB SWING NACE API594	WCB	316+HF	14
CHECK	50 2	1500 CL	RTJUC	APV	FB PSB SWING NACE 0050AP199LUNPUM API594	WCB	13CR+HF	17
CHECK	50 2	1500 CL	UNDRILL	APV	FB BB PISTON API594	WCB	13CR+HF INC SPR	3
CHECK	50 2	1500 CL	RFSF	APV	FB BB SWING NACE 0050AP199UN1E (WCB DUAL) API594	WCC	13CR+HF	3
CHECK	50 2	1500 CL	RTJ	APV	FB BB PISTON NACE 0050APSLCLXNFJUEM API594	WCB	13CR+HFS INC SPR	18
CHECK	50 2	1500 CL	RTJUC	APV-FZV	FB BB SWING NACE	CF8M	316+HFS API594	3
CHECK	50 2	1500 CL	RTJ	APV-FZV	FB BB SWING NACE API6D ISO 5208 RATE D LEAKAGE API594	WCB	13CR+HF SHELL/EXXON/BP APPROVED	10
CHECK	50 2	1500 CL	RTJUC	APV-FZV	FB BB SWING NACE ISO 5208 RATE D LEAKAGE API6D API594	WCB	13CR+HF SHELL/EXXON/BP APPROVED	16

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	50 2	1500 CL	BW160	BONNEY FORGE	FB BB SWING NACE (A105N DUAL)	LF2	13CR+HF	2
CHECK	50 2	1500 CL	NPT	BONNEY FORGE	SB BB PISTON NACE (A105N DUAL)	LF2	13CR+HF INC SPR	10
CHECK	50 2	1500 CL	NPT	BONNEY FORGE	FB BB PISTON NACE A105N DUAL	LF2	316+HF INC SPR	6
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	RTJUC	BONNEY FORGE	FB BB SWING NACE A105N DUAL	LF2	316+HF	18
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 API594	A105N	13CR+HF	1
CHECK	50 2	2500 CL	NPT	APV	FB PSB PISTON API594	A105N	13CR+HF	8
CHECK	50 2	2500 CL	NPT	APV	FB WB PISTON NACE	A105N	13CR+HF INC SPR	1
CHECK	50 2	2500 CL	NPT	APV	FB BB PISTON NACE	A105N	13CR+HF	2
CHECK	50 2	2500 CL	NPT	APV	FB BB SWING NACE	A105N	13CR+HF	10
CHECK	50 2	2500 CL	BWXXS	APV	FB BB SWING NACE	LF2	13CR+HF	3
CHECK	50 2	2500 CL	NPT	APV	FB PSB SWING NACE A105N DUAL	LF2	316+HF	6
CHECK	50 2	2500 CL	BWXXS	APV	FB PSB SWING NACE	LF3	F6+HF	1
CHECK	50 2	2500 CL	RTJ	APV	FB PSB SWING NACE API594	WCB	316+HF	2
CHECK	50 2	2500 CL	RTJUC	APV	FB BB SWING NACE API594	WCB	316+HF	4
CHECK	50 2	2500 CL	BWXXS	BONNEY FORGE	FB PSB SWING NACE (A105N DUAL)	LF2	316+HF	2
CHECK	50 2	2500 CL	NPT	BONNEY FORGE	FB WB PISTON NACE (A105N DUAL)	LF2	316+HF	3
CHECK	50 2	2500 CL	NPT	BONNEY FORGE	FB BB SWING NACE (A105N DUAL)	LF2	13CR+HF	9
CHECK	50 2	5000 PSI	NPT	KF	SB 2P BALL SERIES 60 API594	WCB	316+VITON SEAT	3
CHECK	50 2	PN16	RFSF	APV	BB SWING 0050AP147XU16	WCB	13CR+HFS	2
CHECK	50 2	PN16	FF	FLOWTURN	BB SWING AS4794	CI	BRONZE	20
CHECK	50 2	TABLE D	FF	FLOWTURN	BB SWING AS4794 200 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	10
CHECK	50 2	TABLE E	FF	FLOWTURN	BB SWING AS2129 AS4794 200 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	10
CHECK	50 2	TABLE E	UNDRILLFF	FLOWTURN	BB SWING AS4794 ISO RATE 'C'	CI	BRONZE	6
CHECK	50 2	TABLE F	UNDRILLRF	APV	BB SWING 0050AP159Z0SPUD	BRZ	BRONZE 316 HP	2
CHECK	50 2	TABLE F	FF	FLOWTURN	BB SWING	316	316	1
CHECK	50 2	TABLE F	UNDRILLRF	FLOWTURN	BB PISTON	CI	BRONZE	6
CHECK	52 2	5000 PSI	RTJ	APV	BB SWING NACE	F5	410+HFS	1
CHECK	65 2 1/2	125 CL	FF	FLOWTURN	BB SWING	CI	BRONZE	9
CHECK	65 2 1/2	150 CL	RFSF	APV	BB SWING 0065AP147P8C DUAL CERT CF8/CF3	CF8/CF3	304/L	2
CHECK	65 2 1/2	150 CL	RFSF	APV	BB SWING 0065AP147L4C	CF8M	316	2
CHECK	65 2 1/2	150 CL	RFSF	APV	BB SWING 065AP147XU	WCB	13CR+HFS	8
CHECK	65 2 1/2	200 PSI	BSP	FLOWTURN	SCB SWING	BRZ	BRONZE	4
CHECK	65 2 1/2	200 PSI	BSP	FLOWTURN	BB SWING	CF8M	316	2
CHECK	65 2 1/2	PN16	RF	FLOWTURN	BB SWING AS4087 AS4794 240 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	8
CHECK	65 2 1/2	TABLE D	FF	FLOWTURN	BB SWING AS4794 240 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	8
CHECK	65 2 1/2	TABLE E	FF	FLOWTURN	UB PISTON	BRZ	BRONZE	1
CHECK	65 2 1/2	TABLE E	FF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE+13CR	16
CHECK	65 2 1/2	TABLE E	FF	FLOWTURN	BB SWING AS2129 AS4794 240 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	8
CHECK	80 3	125 CL	FF	FLOWTURN	BB SWING	CI	BRONZE	10
CHECK	80 3	125 CL	UNDRILLFF	UNIFLO	2P SWING AP-NX	CI	BUTYL FLAP	2
CHECK	80 3	150 CL	RFSF	APV	BB SWING A9954A DUPLEX (F51)	CD3MN	F51+HFS	2
CHECK	80 3	150 CL	RFSF	APV	BB SWING 0080AP147P8 DUAL CERT CF8/CF3	CF8/CF3	304/L	4
CHECK	80 3	150 CL	RFSF	APV	BB SWING API594	CF8M	316	7
CHECK	80 3	150 CL	RFSF	APV	BB SWING 0080AP147LUN4 NACE	CF8M	316+HFS	16
CHECK	80 3	150 CL	UNDRILLRF	APV	FB BB SWING NICKLE ALUMINIUM BRONZE	NIABZ	MONEL	2
CHECK	80 3	150 CL	BW40	APV	BB SWING API594	WCB	13CR+HFS	20
CHECK	80 3	150 CL	RFSF	APV	BB SWING NACE API6D PIGGABLE SUIT COUNTER WEIGHT OR O-RIDE	WCB	13CR+HFS	50
CHECK	80 3	150 CL	RFSF	APV	BB SWING 0080AP1471Z (WCB DUAL) API594	WCC	13CR+HFS	26
CHECK	80 3	150 CL	RFSF	APV-FZV	BB SWING NACE API594 CHEVRON SHELL BP APP	WCB	13CR+HFS	30
CHECK	80 3	200 PSI	BSP	FLOWTURN	SCB SWING API594	CF8M	316	3
CHECK	80 3	300 CL	RFSF	APV	BB SWING 0080AP159LXU4D API594	CF3M	316+HFS	10
CHECK	80 3	300 CL	RFSF	APV	BB SWING 0080AP159P8CT DUAL CERT	CF8/CF3	304/304L	10
CHECK	80 3	300 CL	RFSF	APV	BB PISTON SLCLLUX3008M C/W SPRING API594	CF8M	316+HFS	6
CHECK	80 3	300 CL	RFSF	APV	BB SWING	CF8M	316+HFS	5
CHECK	80 3	300 CL	RFSF	APV	BB SWING NACE API594	LCB	316+HFS	8
CHECK	80 3	300 CL	BW40	APV	BB SWING 0080AP159BW40	WCB	13CR+HFS	14
CHECK	80 3	300 CL	UNDRILLRF	APV	BB SWING 0080AP159XUNUD API594	WCB	13CR+HFS	20
CHECK	80 3	300 CL	RFSF	APV	BB SWING (WCB DUAL) API594	WCC	13CR+HFS	12
CHECK	80 3	300 CL	UNDRILLRF	APV STEAMCO	BB PISTON 0080APSLCLXUL C/W SPRING API594	WCB	13CR+HFS X750 SPR	1
CHECK	80 3	300 CL	RFSF	APV-FZV	BB SWING NACE (WCC & LCB DUAL) API594	LCC	316+HF SHELL/PP/EXXON APP.	10
CHECK	80 3	300 CL	RFSF	APV-FZV	BB SWING NACE API594 SHELL/EXXON BP APP.	WCB	13CR+HFS	20
CHECK	100 4	300 CL	RFSF	APV	BB SWING NACE SHELL/EXXON BP APP API6D PIGGABLE (SUIT COOUNTER WEIGHT/OVER-RIDE)	WCB	13CR+HF	20
CHECK	150 6	300 CL	RFSF	APV	BB SWING NACE API6D PIGGABLE (SUIT COUNTER WEIGHT/OVER RIDE	WCB	13CR+HFS	12
CHECK	80 3	600 CL	RFSF	APV	BB SWING NACE API594	CF8/CF3	304/L DUAL CERT CF8/CF3	2
CHECK	80 3	600 CL	RFSF	APV	BB SWING NACE API594	CF8M	316	4
CHECK	80 3	600 CL	RFSF	APV	FB BB SWING NACE API594	LCB	316+HF	8
CHECK	80 3	600 CL	RFSF	APV	FB BB SWING NACE API6D ISO 5208 RATE D LEAKAGE API594	LCC	316+HF	8
CHECK	80 3	600 CL	BW80	APV	BB SWING NACE API594	WCB	13CR+HF	2
CHECK	80 3	600 CL	RFSF	APV	BB SWING NACE API594	WCB	13CR+HFS	6
CHECK	80 3	600 CL	RTJUC	APV	BB SWING API6D PIGGABLE	WCB	316+HF	20
CHECK	80 3	600 CL	RFSF	APV	FB BB SWING NACE API594	WCC	316+HF	9
CHECK	80 3	600 CL	RFSF	APV	BB PISTON PSLCLXU API594	WCB	13CR+HFS	1
CHECK	80 3	600 CL	RFSF	APV-FZV	FB BB SWING NACE API594 CHEVRON SHELL BP APP	WCB	13CR+HFS	10
CHECK	80 3	900 CL	BW160	APV	BB SWING NACE API594	WCB	13CR+HF	3
CHECK	80 3	900 CL	RFSF	APV	BB SWING NACE API594 API594	WCB	13CR+HF	4
CHECK	80 3	900 CL	RTJ	APV	PSB SWING NACE 0080AP187UN-RJ	WCB	13CR+HF	2
CHECK	80 3	900 CL	RTJUC	APV	BB SWING NACE API6D API6D PIGGABLE	WCB	316+HFS	5
CHECK	80 3	900 CL	RFSF	APV	PSB SWING NACE 0080AP187UNPEUM API594	WCC	13CR+HF	4
CHECK	80 3	900 CL	BW80	APV-FZV	BB SWING NACE SHELL/EXXON BP APP. API594	WCC	13CR+HF	3
CHECK	80 3	900 CL	RTJUC	APV-FZV	BB SWING NACE API6D API594 SHELL/EXXON/BP APPROVED	WCC	316+HFS ISO 5208 RATE D LEAKAGE	5
CHECK	80 3	1500 CL	BW160	APV	BB SWING NACE (WCC/LCB/WCB DUAL) API594	LCC	316+HF	1

TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	80	3	1500 CL.	BW80	APV	BB SWING NACE API594	WCB	13CR+HF	5
CHECK	80	3	1500 CL.	BW160	APV	BB SWING NACE 0080AP199UN1BWE API594	WCC	13CR+HF	2
CHECK	80	3	1500 CL.	RFSF	APV	BB SWING NACE 0080AP199N1E (WCB DUAL) API594	WCC	13CR+HF	6
CHECK	80	3	1500 CL.	RTJ	APV	BB SWING NACE 0080AP199XUNUME (WCB DUAL) API594	LCC	13CR+HF	5
CHECK	80	3	1500 CL.	RTJUC	APV-FZV	BB SWING NACE API6D ISO 5208 RATE D LEAKAGE API594	WCC	13CR+HF SHELL/EXXON/BP APPROVED	2
CHECK	80	3	1500 CL.	RFSF	APV-FZV	BB SWING NACE API594	WCB	13CR+HF	6
CHECK	80	3	1500 CL.	RTJUC	APV-FZV	BB SWING NACE API6D ISO 5208 RATE D LEAKAGE API594	WCC	13CR+HF SHELL/EXXON/BP APPROVED	18
CHECK	80	3	2200 PSI	NPT	APV	BB SWING NACE 900CL API594	WCB	316+VITON SEAT	70
CHECK	80	3	2500 CL.	RTJ	APV	PSB SWING NACE WCB/WCC/LCB DUAL API594	LCC	316+HF	1
CHECK	80	3	3000 PSI	NPT	APV	SCB SWING NACE FP	WCB	316+VITON SEAT	40
CHECK	80	3	3700 PSI	NPT	APV	BB SWING NACE 1500CL FP	WCB	13CR	3
CHECK	80	3	PN16	RF	FLOWTURN	BB SWING AS4087 ISO RATE 'C'	CI	BRONZE + EPDM SEAT CR13 HP	10
CHECK	80	3	PN16	RF	SAUNDERS	2P SWING NX HRL	CI	BUTYL FLAP	5
CHECK	80	3	TABLE D	FF	FLOWTURN	BB SWING AS4794 260 FTOF ISO RATE 'C'	CI	BRONZE + EPDM SEAT CR13 HP	10
CHECK	80	3	TABLE D	FF	SAUNDERS	2P SWING 'N'	CI	BUTYL FLAP	5
CHECK	80	3	TABLE D	UNDRILLFF	UNIFLO	2P SWING APNX	CI	BUTYL FLAP	2
CHECK	80	3	TABLE E	FF	FLOWTURN	BB SWING	CI	BRONZE	16
CHECK	80	3	TABLE E	FF	FLOWTURN	BB SWING AS2129 AS4794 260 FTOF	CI	BRONZE + EPDM SEAT CR13 HP	10
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 APNX	CI	BUTYL FLAP	2
CHECK	100	4	125 CL.	UNDRILLFF	UNIFLO	2P SWING APNX HRL	CI	BUTYL FLAP	2
CHECK	100	4	150 CL.	RFSF	APV	BB SWING DUAL CERT CF3/CF8 API594	CF3/CF8	304L	3
CHECK	100	4	150 CL.	RFSF	APV	BB SWING 0100AP147LXU8MD API594	CF8M	316+HFS	18
CHECK	100	4	150 CL.	RFSF	APV	BB SWING NACE 0100AP147LXU2B API594	LCB	316+HFS	10
CHECK	100	4	150 CL.	RFSF	APV	BB SWING NACE (WCC & LCB DUAL) FZV2100AP147LXU2N	LCC	316+HFS API594	10
CHECK	100	4	150 CL.	RFSF	APV	BB SWING NACE	WCB	13CR+HFS	30
CHECK	100	4	150 CL.	UNDRILLRF	APV	BB SWING 0100AP147NUD API594	WCB	13CR+HFS	2
CHECK	100	4	150 CL.	RFSF	APV	BB SWING 0100AP147N API594 (WCB DUAL)	WCC	13CR+HFS	20
CHECK	100	4	150 CL.	RFSF	APV-FZV	BB SWING NACE API594 CHEVRON SHELL BP APP	WCB	13CR+HFS	30
CHECK	100	4	300 CL.	RFSF	APV	BB SWING 0100AP159P8C API594 DUAL CERT CF8/CF3	CF8/CF3	304/L	8
CHECK	100	4	300 CL.	RFSF	APV	BB PISTON GUIDED API594	CF8M	316+HFS X750 SPR	9
CHECK	100	4	300 CL.	RFSF	APV	BB SWING 0100AP159L8MD	CF8M	316	12
CHECK	100	4	300 CL.	RFSF	APV	BB SWING 0100AP159LXUP2BN API594	LCB	316+HFS	12
CHECK	100	4	300 CL.	RFSF	APV	BB SWING 0100AP159LXUPN2Z API6D PIGGABLE	LCC	316+HFS	18
CHECK	100	4	300 CL.	UNDRILLRF	APV	BB SWING 0100AP159UD API594	WCB	13CR+HFS	20
CHECK	100	4	300 CL.	RFSF	APV	BB SWING 0100AP159XU1N (WCB DUAL) API594	WCC	13CR+HFS	14
CHECK	100	4	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON 0100APSLCLXUL C/W SPRING	WCB	13CR+HFS X750 SPR	4
CHECK	100	4	300 CL.	RFSF	APV-FZV	BB SWING NACE CHEVRON SHELL BP APP API594	WCB	13CR+HFS	20
CHECK	100	4	600 CL.	RTJUC	APV	BB SWING API594	C5	13CR+HFS	3
CHECK	100	4	600 CL.	RFSF	APV	BB SWING NACE API594 DUAL CERT CF8/CF3	CF8/CF3	304/L	1
CHECK	100	4	600 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	LCC	316+HFS	3
CHECK	100	4	600 CL.	RTJUC	APV	BB SWING API594	WCB	13CR+HFS	7
CHECK	100	4	600 CL.	RTJUC	APV	BB SWING NACE API594	WCB	316+HF	8
CHECK	100	4	600 CL.	BW80	APV	BB SWING 175UN (WCB DUAL) API594	WCC	13CR+HF	3
CHECK	100	4	600 CL.	RFSF	APV-FZV	BB SWING API594	CF8M	316+HFS	4
CHECK	100	4	600 CL.	RFSF	APV-FZV	BB SWING API594 SHELL/EXXON BP APP.	WCB	13CR+HF	4
CHECK	100	4	900 CL.	RTJUC	APV	BB SWING NACE API6D PIGGABLE DUAL LCB/WCC	LCC	316+HF	6
CHECK	100	4	900 CL.	BW120	APV	BB SWING NACE 0100P199UN1BW120E API594	WCC	13CR+HF	3
CHECK	100	4	900 CL.	RTJUC	APV-FZV	BB SWING NACE API6D ISO 5208 RATE D LEAKAGE	WCB	316+HF PIGGABLE SHELL/EXXON BP APP.	6
CHECK	100	4	900 CL.	RTJUC	APV-FZV	BB SWING NACE 0100FZAP199LUPN1EUM API594 SHELL/EXXON BP APP.	WCB	316+HF SHELL/EXXON/BP APPROVED	6
CHECK	100	4	900 CL.	RFSF	APV-FZV	BB SWING NACE API6D PIGGABLE ISO RATE 'D'	WCC	13CR+HF SHELL/EXXON/BP APPROVED	8
CHECK	100	4	1500 CL.	BW120	APV	PSB SWING NACE API594	WCB	316+HF	3
CHECK	100	4	1500 CL.	RFSF	APV	BB SWING NACE 0100AP199UN1E API6D ISO 5208 RATE D LEAKAGE	WCC	13CR+HF SHELL/EXXON/BP APPROVED	4
CHECK	100	4	1500 CL.	RTJUC	APV-FZV	BB SWING NACE FZAP199LUN API6D PIGGABLE API594	WCB	316+HF ISO 5208=D SHELL/EXXON BP APP.	3
CHECK	100	4	1500 CL.	RTJUC	APV-FZV	BB SWING NACE 0100FZAP199LUPN1EUM API6D API594	WCC	316+HF SHELL/EXXON/BP APPROVED	3
CHECK	100	4	1500 PSI	NPT	KF	BB SWING NACE SERIES 32 ISO 5208 RATE D LEAKAGE	WCB	316	2
CHECK	100	4	2500 CL.	RTJ	APV-FZV	PSB SWING NACE API6D ISO 5208 RATE D LEAKAGE	WCB	316+HF SHELL/EXXON/BP APPROVED	1
CHECK	100	4	PN16	RF	FLOWTURN	BB SWING AS4087	CI	BRONZE CR13 HP	16
CHECK	100	4	PN16	RF	FLOWTURN	BB SWING AS4087 ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	6
CHECK	100	4	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE CR13 HP	16
CHECK	100	4	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	6
CHECK	100	4	TABLE D	UNDRILLFF	UNIFLO	2P SWING APNX	CI	BUTYL FLAP	2
CHECK	100	4	TABLE E	FF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE CR13 HP	15
CHECK	100	4	TABLE E	FF	FLOWTURN	BB SWING AS2129 ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	6
CHECK	100	4	TABLE H	UNDRILLRF	APV	BB SWING 0100AP147H	WCB	BRONZE	3
CHECK	100	4	TABLE S	UNDRILLRF	HOPKINSON	BB PISTON R/A 600CL (90 DEG)	WCB	316	2
CHECK	125	5	125	FF	FLOWTURN	BB SWING	CI	BRONZE	2
CHECK	125	5	150	UNDRILLRF	APV	BB SWING 0125AP147XUD	WCB	13CR	3
CHECK	125	5	300	UNDRILLRF	APV STEAMCO	BB PISTON 0125APSLCLXU	WCB	13CR+HFS	2
CHECK	125	5	300	UNDRILLRF	APV STEAMCO	BB PISTON R/A (90 DEG) 0125APSRAGXU	WCB	13CR+HFS	1
CHECK	125	5	PN16	RF	FLOWTURN	BB SWING AS4087 AS4794 350 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	125	5	TABLE D	FF	FLOWTURN	BB SWING AS4794 350 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	125	5	TABLE E	FF	FLOWTURN	BB SWING AS2129 AS4794 350 FTOF ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	125	5	TABLE E	FFSF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE CR13 HP	10
CHECK	125	5	TABLE F	FFSF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE CR13 HP	2
CHECK	150	6	125 CL.	FF	FLOWTURN	BB SWING	CI	BRONZE	10
CHECK	150	6	150 CL.	RFSF	APV	BB SWING 0150AP147L8 DUAL CERT CF8/CF3	CF8/CF3	304/L	6
CHECK	150	6	150 CL.	RFSF	APV	BB SWING 0150AP147LXU-8M	CF8M	316+HFS	15
CHECK	150	6	150 CL.	BW40	APV	BB SWING 0150AP147XU7BW API594	WCB	13CR+HFS	2
CHECK	150	6	150 CL.	RFSF	APV	BB SWING 0150AP147XU1Z (WCB DUAL) API594	WCC	13CR+HFS	16

TYPE	SIZE MM	SIZE INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	150	6	150 CL.	RFSF	APV	BB SWING API6D PIGGABLE FS CERT	WCC	13CR+HFS	16
CHECK	150	6	150 CL.	RFSF	APV-FZV	BB SWING NACE API594 CHEVRON SHELL BP APP	WCB	13CR+HFS	12
CHECK	150	6	300 CL.	RFSF	APV	BB SWING 0150AP159P8C API594 DUAL CERT CF8/CF3	CF8/CF3	304/L	2
CHECK	150	6	300 CL.	RFSF	APV	BB SWING API594 SHELL/EXXON/BP APP.	CF8M	316	3
CHECK	150	6	300 CL.	RFSF	APV	BB SWING P0150LPXUN2 NACE (WCC/LCB/WCB DUAL)	LCC	316+HFS API6D ISO 5208-D	8
CHECK	150	6	300 CL.	UNDRILLRF	APV	BB SWING 0150AP159XUUD API594	WCB	13CR+HFS	12
CHECK	150	6	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON R/A PSRAGXU	WCB	13CR+HFS	1
CHECK	150	6	300 CL.	RFSF	APV-FZV	BB SWING API594 SHELL/EXXON/BP APP.	CF8M	316	3
CHECK	150	6	300 CL.	RFSF	APV-FZV	BB SWING NACE API594 SHELL/EXXON/BP APP.	WCB	13CR+HFS	12
CHECK	150	6	600 CL.	RFSF	APV	BB SWING NACE 0150AP175LXUN8MAZ API594	CF8M	316+HFS	3
CHECK	150	6	600 CL.	RFSF	APV	BB SWING NACE 0150AP175LXUN3 API6D PIGGABLE	LCC	316+HFS	1
CHECK	150	6	600 CL.	RFSF	APV	BB SWING NACE 0150AP175LXUN6 API594	WCB	13CR+HFS	5
CHECK	150	6	600 CL.	BW40	APV	BB SWING NACE API594	WCB	13CR+HF	3
CHECK	150	6	600 CL.	BW80	APV	BB SWING NACE API594	WCB	13CR+HF	3
CHECK	150	6	600 CL.	RFSF	APV-FZV	BB SWING NACE API594 CHEVRON SHELL BP APP	WCB	13CR+HFS	6
CHECK	150	6	600 CL.	RFSF	APV-FZV	BB SWING NACE 0150FZAP175XUN (WCB DUAL) API594	WCC	13CR+HFS SHELL/EXXON BP APP.	8
CHECK	150	6	900 CL.	BW80	APV	BB SWING NACE (WCB DUAL) ISO 5208 RATE D LEAKAGE	WCC	13CR+HFS API6D PIGGABLE	6
CHECK	150	6	900 CL.	RTJ	APV	BB SWING NACE 0150AP187LUN ISO 5208 RATE D LEAKAGE	WCC	316+HF SHELL/EXXON/BP APPROVED	8
CHECK	150	6	900 CL.	RTJUC	APV	BB SWING NACE API6D PIGGABLE (WCB DUAL) API594	WCC	13CR+HF	8
CHECK	150	6	900 CL.	RFSF	APV-FZV	BB SWING NACE 0150FZAP187UN1E (WCB DUAL) API594	WCC	13CR+HF SHELL/EXXON/BP APPROVED	8
CHECK	150	6	1500 CL.	BW80	APV	PSB SWING NACE API6D API594	WCC	13CR+HF	8
CHECK	150	6	1500 CL.	RTJUC	APV	BB SWING NACE API6D API594	WCC	316+HF	4
CHECK	150	6	1500 CL.	BW80	APV-FZV	BB SWING NACE ISO 5208 RATE D LEAKAGE API6D API594	WCB	13CR+HF SHELL/EXXON/BP APPROVED	46
CHECK	150	6	1500 CL.	RTJUC	APV-FZV	BB SWING NACE ISO 5208 RATE D LEAKAGE API6D API594	WCB	13CR+HF SHELL/EXXON/BP APPROVED	130
CHECK	150	6	1500 CL.	RTJUC	APV-FZV	PSB SWING NACE ISO 5208 RATE D LEAKAGE API594	WCC	13CR+HF API594 SHELL/EXXON/BP APP.	4
CHECK	150	6	2500 CL.	RTJ	APV	PSB SWING NACE API594	WCB	316+HFS	2
CHECK	150	6	PN14	FF	UNIFLO	2P SWING AP-NX	CI	BUTYL FLAP	1
CHECK	150	6	PN16	RF	FLOWTURN	BB SWING	CI	BRONZE CR13 HP	15
CHECK	150	6	PN16	RF	FLOWTURN	BB SWING AS4087	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	150	6	TABLE D	FF	FLOWTURN	BB SWING RATE 'C' LEAKAGE	CI	BRONZE CR13 HP	16
CHECK	150	6	TABLE D	FF	FLOWTURN	BB SWING RATE 'C' LEAKAGE	CI	BRONZE CR13 HP	16
CHECK	150	6	TABLE D	FF	FLOWTURN	BB SWING RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	150	6	TABLE D	FF	UNIFLO	2P SWING AP-NX	CI	BUTYL FLAP	1
CHECK	150	6	TABLE E	FF	FLOWTURN	BB SWING RATE 'C' LEAKAGE	CI	BRONZE CR13 HP	16
CHECK	150	6	TABLE E	FF	FLOWTURN	BB SWING AS2129 RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	150	6	TABLE F	UNDRILLFF	APV	BB PISTON	CI	316	1
CHECK	150	6	TABLE F	FF	FLOWTURN	BB SWING	CI	BRONZE	1
CHECK	150	6	TABLE H	FF	APV STEAMCO	BB PISTON PSLCLXFF	WCB	13CR	1
CHECK	200	8	125 CL.	RFSF	FLOWTURN	BB SWING 495 F TO F	CI	BRONZE	6
CHECK	200	8	150 CL.	RFSF	APV	BB SWING API594 DUAL CERT CF8/CF3	CF8/CF3	304/L API594	2
CHECK	200	8	150 CL.	UNDRILLRF	APV	BB SWING 0200AP147P8UDT DUAL CERT CF8/CF3	CF8/CF3	304/L API594	2
CHECK	200	8	150 CL.	RFSF	APV	BB SWING 0200AP147LXU8M	CF8M	316+HFS API594	7
CHECK	200	8	150 CL.	BW40	APV	BB SWING	WCB	13CR+HFS API594	8
CHECK	200	8	150 CL.	RFSF	APV	BB SWING API6D PIGGABLE (SUIT COUNTERWEIGHT OR OVER-RIDE)	WCB	13CR+HFS ISO 5208-D NACE	12
CHECK	200	8	150 CL.	UNDRILLRF	APV	BB SWING 0200APF2147XUUDP	WCB	13CR+HFS API594	4
CHECK	200	8	150 CL.	RFSF	APV	BB SWING 0200APF147PXU1N2 (WCB DUAL)	WCC	13CR+HFS API594	12
CHECK	200	8	300 CL.	RFSF	APV	BB SWING	CF8M	316+HFS	3
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE 0200AP159LXUN2B	LCC	316+HFS API594	1
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE 0200AP159PLXUN2 DUAL WCC/LCB/WCB	LCC	316+HFS API594	4
CHECK	200	8	300 CL.	RFSF	APV	BB SWING PIGGABLE API6D	WCB	316+HF NACE ISO 5208-D	3
CHECK	200	8	300 CL.	RFSF	APV	BB SWING API6D (SUIT COUNTERWEIGHT OR OVER-RIDE) 0200AP159XUN	WCB	13CR+HFS	8
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE	WCB	13CR+HFS API594	16
CHECK	200	8	300 CL.	RFSF	APV	BB SWING NACE 0200FZAP159SXUN1	WCC	13CR+HFS API594	10
CHECK	200	8	600 CL.	RFSF	APV	BB SWING NACE 0600AP175SUN1	WCC	13CR+HF API594	2
CHECK	200	8	600 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	WCC	13CR+HFS	3
CHECK	200	8	900 CL.	RFSF	APV-FZV	BB SWING NACE ISO 5208 RATE D LEAKAGE API6D API594	WCB	316L+HF SHELL/EXXON/BP APPROVED	1
CHECK	200	8	PN16	RF	FLOWTURN	BB SWING AS4087	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	200	8	PN16	UNDRILLFF	FLOWTURN	BB SWING AS4087/EN1092	CI	BRONZE 13CR HP	16
CHECK	200	8	TABLE D	FF	FLOWTURN	BB SWING RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	200	8	TABLE E	FF	FLOWTURN	BB SWING RATE 'C' LEAKAGE	CI	BRONZE 13CR HP	12
CHECK	200	8	TABLE E	FF	FLOWTURN	BB SWING AS2129 RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	200	8	TABLE F	FF	APV	BB SWING 0200AP147ZSP RATE 'C' LEAKAGE	WCB	BRONZE 13CR HP	3
CHECK	250	10	125 CL.	FF	FLOWTURN	BB SWING	CI	BRONZE	4
CHECK	250	10	150 CL.	RFSF	APV	BB SWING DUAL CERT CF8/CF3	CF8/CF3	304/L API594	1
CHECK	250	10	150 CL.	RFSF	APV	BB SWING API594	LCB	304	1
CHECK	250	10	150 CL.	RFSF	APV	BB SWING API594	WCB	13CR+HFS	9
CHECK	250	10	150 CL.	RFSF	APV	BB SWING FULL OPENING C/W SIDE MOUNT API6D	WCB	13CR+HFS PIGGABLE API6D	4
CHECK	250	10	150 CL.	UNDRILLRF	APV	BB SWING 0250AP147XU1P	WCB	13CR+HFS	2
CHECK	250	10	150 CL.	RFSF	APV-FZV	BB SWING SHELL/EXXON/BP APPROVED	CF8M	316+HFS API594	2
CHECK	250	10	300 CL.	RFSF	APV	BB SWING	CF8M	316+HFS API594	1
CHECK	250	10	300 CL.	RFSF	APV	BB SWING	LCB	316	4
CHECK	250	10	300 CL.	RFSF	APV	BB SWING NACE 0250AP159PXUN1P API6D PIGGABLE	WCC	13CR+HFS API6D	3
CHECK	250	10	300 CL.	UNDRILLRF	APV STEAMCO	BB PISTON 0250APSLCLXU1P	WCB	13CR+HFS	1
CHECK	250	10	300 CL.	RFSF	APV-FZV	BB SWING SHELL/EXXON BP APPROVED	CF8M	316+HFS API594	2
CHECK	250	10	600 CL.	RFSF	APV	BB SWING API594	CF8M	316+HFS	1
CHECK	250	10	600 CL.	RTJUC	APV	BB SWING NACE API6D PIGGABLE	WCC	316+HF	5
CHECK	250	10	900 CL.	RFSF	APV-FZV	BB SWING NACE SHELL/EXXON/BP APPROVED API594	WCB	F6A+HF SHELL/EXXON/BP APP.	3
CHECK	250	10	900 CL.	BW100	APV-FZV	BB SWING NACE API6D PIGGABLE SHELL/EXXON BP APP.	WCC	316+HF ISO 5208 RATE D LEAKAGE	2
CHECK	250	10	900 CL.	RTJUC	APV-FZV	BB SWING NACE API6D PIGGABLE SHELL/EXXON BP APP.	WCC	316+HF ISO 5208-D RATE D LEAKAGE	2
CHECK	250	10	PN16	RF	FLOWTURN	BB SWING AS4087 ISO RATE 'AA' LEAKAGE	CI	BRONZE + NBR SEAT CR13 HP	2
CHECK	250	10	PN16	UNDRILLRF	FLOWTURN	BB SWING AS4087/EN1092 ISO RATE 'C'	CI	BRONZE CR13 HP	6
CHECK	250	10	TABLE D	FF	FLOWTURN	BB SWING FF=622 ISO RATE 'C'	CI	BRONZE CR13 HP	10

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
CHECK	250 10	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	250 10	TABLE E	FF	FLOWTURN	BB SWING FF=622 ISO RATE 'C'	CI	BRONZE CR13 HP	10
CHECK	250 10	TABLE E	FF	FLOWTURN	BB SWING AS2129 ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	250 10	TABLE H	FF	APV	BB SWING 0250APH159XFF	WCB	13CR CR13 HP	1
CHECK	300 12	125 CL.	FF	FLOWTURN	BB SWING FF=699	CI	BRONZE 13CR HP	1
CHECK	300 12	125 CL.	UNDRILLFF	FLOWTURN	BB SWING FF=699	CI	BRONZE 13CR HP	1
CHECK	300 12	150 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE SIDE FLANGE	WCB	13CR+HFS	2
CHECK	300 12	150 CL.	RFSF	APV	BB SWING NACE API594	WCB	13CR+HFS	4
CHECK	300 12	150 CL.	UNDRILLRF	APV	BB SWING NACE 0300AP147XUUD API594	WCB	13CR+HFS	2
CHECK	300 12	300 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	WCB	13CR+HFS	3
CHECK	300 12	300 CL.	UNDRILLRF	APV-FZV	BB SWING API594 CHEVRON SHELL BP APP	WCB	13CR+HFS	1
CHECK	300 12	600 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE ISO RATE 'D'	LCC	316+HF	1
CHECK	300 12	600 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	WCB	13CR+HF	1
CHECK	300 12	900 CL.	RFSF	APV	BB SWING NACE API594	WCB	F6A+HF	2
CHECK	300 12	PN16	RF	FLOWTURN	BB SWING AS4087 AS4794 700 FTOF ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	300 12	PN16	UNDRILLRF	FLOWTURN	BB SWING AS4087/EN1092 ISO RATE 'C'	CI	BRONZE CR13 HP	6
CHECK	300 12	TABLE D	FF	FLOWTURN	BB SWING PN16	CI	BRONZE 13CR HP	5
CHECK	300 12	TABLE D	FF	FLOWTURN	BB SWING AS4794 700 FTOF	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	300 12	TABLE E	FF	FLOWTURN	BB SWING AS4794	CI	BRONZE 13CR HP	5
CHECK	300 12	TABLE E	FF	FLOWTURN	BB SWING AS2129 AS4794 700 FTOF	CI	BRONZE + EPDM SEAT CR13 HP	4
CHECK	350 14	125 CL.	UNDRILLFF	FLOWTURN	BB SWING FF=790	CI	BRONZE 13CR HP	1
CHECK	350 14	150 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	WCB	13CR+HFS	3
CHECK	350 14	150 CL.	RFSF	APV-FZV	BB SWING NACE API594	WCB	13CR+HFS	2
CHECK	350 14	300 CL.	RFSF	APV	BB SWING NACE 0350AP159PXUN2B2 API594	LCC	316+HFS	1
CHECK	350 14	300 CL.	RFSF	APV	BB SWING NACE 0350AP159XUN2E API6D PIGGABLE	LCC	316+HFS ISO -5208-D	1
CHECK	350 14	PN16	RF	FLOWTURN	BB SWING AS4087 AS4794 800 FTOF	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	350 14	PN16	UNDRILLRF	FLOWTURN	BB SWING AS4087/EN1092	CI	BRONZE CR13 HP	3
CHECK	350 14	TABLE D	FF	FLOWTURN	BB SWING AS4087 ISO RATE 'C'	CI	BRONZE 13CR HP	2
CHECK	350 14	TABLE D	FF	FLOWTURN	BB SWING AS4794 800 FTOF ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	350 14	TABLE E	FF	FLOWTURN	BB SWING AS2129 ISO RATE 'C'	CI	BRONZE 13CR HP	3
CHECK	350 14	TABLE E	FF	FLOWTURN	BB SWING AS2129 AS4794 800 FTOF ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	400 16	125 CL.	UNDRILLFF	FLOWTURN	BB SWING FF=914 ISO RATE 'C'	CI	BRONZE13CR HP	2
CHECK	400 16	150 CL.	RFSF	APV	BB SWING NACE 0400AP147PXUNUD API594	WCB	13CR+HFS	3
CHECK	400 16	150 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	WCB	13CR+HFS ISO-5208-D	2
CHECK	400 16	300 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	WCB	13CR+HFS ISO-5208-D	1
CHECK	400 16	600 CL.	RTJUC	APV	BB SWING NACE API6D PIGGABLE	LCC	316L+HF	1
CHECK	400 16	600 CL.	RFSF	APV	BB SWING API6D PIGGABLE	WCC	13CR+HF	1
CHECK	400 16	600 CL.	RFSF	APV-FZV	BB SWING API6D PIGGABLE SHELL BP EXXON APP	LCC	316+HF	1
CHECK	400 16	PN16	RF	FLOWTURN	BB SWING AS4087 ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	400 16	PN16	UNDRILLRF	FLOWTURN	BB SWING AS4087/EN1092	CI	BRONZE CR13 HP	2
CHECK	400 16	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE 13CR HP	2
CHECK	400 16	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	400 16	TABLE E	FF	FLOWTURN	BB SWING ISO RATE 'C'	CI	BRONZE 13CR HP	2
CHECK	400 16	TABLE E	FF	FLOWTURN	BB SWING AS2129 ISO RATE 'AA' LEAKAGE	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	450 18	125 CL.	FF	FLOWTURN	BB SWING	DI	13CR	3
CHECK	450 18	150 CL.	RFSF	APV	BB SWING NACE API6D PIGGABLE	LCC	316+HF	1
CHECK	450 18	150 CL.	RFSF	APV	BB SWING NACE API594	WCB	13CR+HFS	2
CHECK	450 18	300 CL.	RFSF	APV	BB SWING NACE 0450AP159LUN2 API6D PIGGABLE	LCC	316+HF ISO-5208-D	1
CHECK	450 18	RF	FLOWTURN	BB SWING AS4087 ISO RATE 'AA'	CI	BRONZE + NBR SEAT CR13 HP	2	
CHECK	450 18	PN14	RF	FLOWTURN	BB SWING ISO RATE 'C' API594	DI	13CR	3
CHECK	450 18	PN16	RF UNDRILL	FLOWTURN	BB SWING AS4794 ISO RATE 'C'	DI	BRZ 13CR HP	3
CHECK	450 18	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	450 18	TABLE D	FF	FLOWTURN	BB SWING ISO RATE 'C'	DI	13CR	3
CHECK	450 18	TABLE E	FF	FLOWTURN	BB SWING AS2129 ISO RATE 'AA'	CI	BRONZE + EPDM SEAT CR13 HP	2
CHECK	450 18	TABLE E	FF	FLOWTURN	BB SWING AS4794 ISO RATE 'C'	DI	BRZ 13CR HP	3
CHECK	450 18	TABLE F	FF	FLOWTURN	BB SWING	DI	13CR	1
CHECK	500 20	150 CL.	RFSF	APV	BB SWING NACE 6D PIGGABLE ISO-5208-D	LCC	316+HF ISO RATE 'D'	1
CHECK	500 20	150 CL.	RFSF	APV	BB SWING 0500AP147U1Z (WCB DUAL) API594	WCC	13CR+HFS	2
CHECK	500 20	300 CL.	RFSF	APV	BB SWING NACE 6D PIGGABLE ISO-5208-D	LCC	316+HF	1
CHECK	600 24	TABLE E	UNDRILLFF	JOHNS	2P TILT CHECK 875 F TO F FIG 415	CI	BRONZE	1

ABBREVIATIONS FOR SWING CHECK VALVE AND PISTON CHECK VALVE:-

316L=DUAL CERTIFIED 316 & 316L, 304L=DUAL CERTIFIED 304&304L, A20=ALLOY 20, APV=AUSTRALIAN PIPELINE VALVE, BB=BOLTED BONNET, BS=BRITISH/AUSTRALIAN STANDARD AS2129 TABLE FLANGING, BRZ=BRONZE LG2 OR B62, CL=ANSI/ASME CLASS, CN7M=ALLOY 20, FB=FULL BORE, F TO F=FACE TO FACE, HF=STELLITE HARD FACED SEAT & DISC, HFS=STELLITE HARD FACED SEAT, HP=HINGE PIN, HRL= HARD RUBBER LINED, INC=INCONEL X750, PSB=PRESSURE SEAL BONNET, RA=RIGHT ANGLE (90 DEGREE), RB=REDUCED BORE, RFSF=RAISED FACE SMOOTH FINISH (3.2 TO 6.3 RA, 125 TO 150 AARI), RTJ=RING JOINT GASKET, RTJUC=UN-MACHINED RTJ CAN CUT RING GROOVE OR MACHINE TO RF, SB=STANDARD BORE, SCB=SCREWED BONNET, SPR=SPRING, TABLE=BRITISH/AUSTRALIAN STANDARD AS2129 AUSTRALIAN STANDARD*, UNDRILL=UNDRILLED FLANGES, WB=WELDED BONNET, X750=INCONEL X750

*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 TABLE D TO H BUT HAS BEEN UPDATED BY AS 4087 WHICH SPECIFIES THE SAME DRILLING (PN14/16 TABLE-D, PN21 TABLE-F, PN35 TABLE-H) BUT USES THE PN PRESSURE RATING SYSTEM PM 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 GLOBAL SUPPLY LINE PRODUCT RANGE CHECK VALVES CAST AND FORGED

PISTON (LIFT) SWING, BALL TYPE, INLINE AND RIGHT ANGLE, VERTICAL SERVICE C/W SPRING, AXIAL DISC Y-TYPE, PIGGABLE. BS1868, API603, API602, ANSI B16.34. OPTIONAL COUNTERWEIGHT.

APV VALVES ARE COVERED BY FIRESAFE CERTIFICATION PROTOTYPE TESTS PERFORMED BY YARMOUTH USA/DNV IN ACCORDANCE WITH API6FD, API607 5TH, 6TH, 7TH EDITION AND ISO 10487-3

Check-Valve-Stockist-ANSI-LB-WCB.xlsx

SORT B,D,G,I,F

ANSI END CONNECTIONS: - ANSI RTJ (RING JOINT) FLANGED, SOCKETWELD, ANSI RF FLANGED (SMOOTH FINISH), LONG EXTENDED PUP ENDS, NPT, BSP, PBE, BUTTWELD STANDARD WEIGHT.

BUTTWELD SCHEDULE 40, BUTTWELD SCHEDULE 80, BUTTWELD SCHEDULE 160, BUTTWELD SCHEDULE XXS.

OTHER END CONNECTIONS: - FLANGED BS TABLE D (AS TABLE D), FLANGED BS TABLE E (AS TABLE E), FLANGED BS TABLE F (AS TABLE F), FLANGED BS TABLE H (AS TABLE H), FLANGED BS TABLE J (AS TABLE J), FLANGED BS TABLE K (AS TABLE K), FLANGED BS TABLE R (AS TABLE R).

FLANGED: - PN16, PN10, PN25, JIS10, DIN10, DIN16, ANSI 125 CLASS, ANSI 150 CLASS, ANSI 300 CLASS.

MANUFACTURER: JOHN CRANE SERVICE

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							
FACEWORK/F13, F12 SERVICE.									
MATERIAL: - WCB, A105N, LF2, CAST IRON, DUCTILE IRON, F22, F11, WC6, WC5, ALLOY 20 (A20), MONEL, DUPLEX (F51), LF2 (LOW TEMPERATURE), LCB, 304, CF8, CF8M, 316, 304L, 316L, CF3, CF3M, CF8G, 347, CE8M, S31803, SAF2205, F5.									
BOLTS: - B7M, L7M, B8, B8M.									
BODY OR BONNET SEALS: - GRAPHITE, VITON, 316SS SPIRAL WOUND, GRAPHITE FILLED, 316SS RING JOINT GASKET, TEFLON, PTFE, AND RPTFE.									
DIMENSIONS TO ANSI B16.1. END CONNECTIONS TO ANSI B16.34.									
ANSI CLASS 125, ANSI CLASS 150, ANSI CLASS 300, ANSI CLASS 600, ANSI CLASS 900, ANSI CLASS 1500, ANSI CLASS 2500, ANSI CLASS 2690.									
WELDED BONNET, PRESSURE SEAL BONNET, BOLTED BONNET, BBOSY (RISING STEM, RISING SPINDLE), BBISY (NON RISING STEM, RISING SPINDLE).									
FULL PORT (FULL BORE), REDUCED PORT (REDUCED BORE).									

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							

GLOBAL SUPPLY LINE PRODUCT RANGE CHECK VALVES CAST AND FORGED

PISTON (LIFT) SWING, BALL TYPE, INLINE AND RIGHT ANGLE, VERTICAL SERVICE C/W SPRING, AXIAL DISC Y-TYPE, PIGGABLE. BS1868, API603, API602, ANSI B16.34. OPTIONAL COUNTERWEIGHT.

ANSI END CONNECTIONS: - ANSI RTJ (RING JOINT) FLANGED, SOCKETWELD, ANSI RF FLANGED (SMOOTH FINISH), LONG EXTENDED PUP ENDS, NPT, BSP, PBE, BUTTWELD STANDARD WEIGHT.

BUTTWELD SCHEDULE 40, BUTTWELD SCHEDULE 80, BUTTWELD SCHEDULE 160, BUTTWELD SCHEDULE XXS.

OTHER END CONNECTIONS: - FLANGED BS TABLE D (AS TABLE D), FLANGED BS TABLE E (AS TABLE E), FLANGED BS TABLE F (AS TABLE F), FLANGED BS TABLE H (AS TABLE H), FLANGED BS TABLE J (AS TABLE J), FLANGED BS TABLE K (AS TABLE K), FLANGED BS TABLE R (AS TABLE R).

FLANGED: - PN16, PN10, PN25, JIS10, DIN10, DIN16, ANSI 125 CLASS, ANSI 150 CLASS, ANSI 300 CLASS.

NACE MR-01-75, H2S SERVICE.

MATERIAL: - WCB, A105N, LF2, CAST IRON, DUCTILE IRON, F22, F11, WC6, WC5, ALLOY 20 (A20), MONEL, DUPLEX (F51), LF2 (LOW TEMPERATURE), LCB, 304, CF8, CF8M, 316, 304L, 316L, CF3, CF3M, CF8G, 347, CE8M, S31803, SAF2205, F5.

BOLTS: - B7M, L7M, B8, B8M.

BODY OR BONNET SEALS: - GRAPHITE, VITON, 316SS SPIRAL WOUND, GRAPHITE FILLED, 316SS RING JOINT GASKET, TEFLON, PTFE, AND RPTFE.

DIMENSIONS TO ANSI B16.1. END CONNECTIONS TO ANSI B16.34.

ANSI CLASS 125, ANSI CLASS 150, ANSI CLASS 300, ANSI CLASS 600, ANSI CLASS 900, ANSI CLASS 1500, ANSI CLASS 2500, ANSI CLASS 2690.

WELDED BONNET, PRESSURE SEAL BONNET, BOLTED BONNET, BBOSY (RISING STEM, RISING SPINDLE), BBISY (NON RISING STEM, RISING SPINDLE).

FULL PORT (FULL BORE), REDUCED PORT (REDUCED BORE).

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							
SIZES									
8MM NB		.25 INCH (1/4 INCH)			175MM NB	7 INCH			
10MM NB		.375 INCH (3/8 INCH)			200MM NB	8 INCH			
15MM NB		.5 INCH (1/2 INCH)			250MM NB	9 INCH			
20MM NB		.75 INCH (3/4 INCH)			300MM NB	10 INCH			
25MM NB		1 INCH			350MM NB	12 INCH			
32MM NB		1.25 INCH (1 1/4 INCH)			375MM NB	14 INCH			
40MM NB		1.5 INCH (1 1/2 INCH)			400MM NB	16 INCH			
50MM NB		2 INCH			450MM NB	18 INCH			
65MM NB		2.5 INCH (2 1/2 INCH)			600MM NB	22 INCH			
80MM NB		3 INCH			700MM NB	26 INCH			
100MM NB		4 INCH			750MM NB	30 INCH			
125MM NB		5 INCH			800MM NB	36 INCH			
150MM NB		6 INCH			900MM NB	40 INCH			

CHECK VALVE SWING TYPE, RUBBER DISC, AND NX AND N SAUNDERS™ STYLE. HARD AND SOFT RUBBER LINED, C/W BUTYL 'B' FLAPPER OR VITON.

OTHER END CONNECTIONS: - FLANGED BS TABLE D (AS TABLE D), FLANGED BS TABLE E (AS TABLE E), FLANGED BS TABLE F (AS TABLE F), FLANGED BS TABLE H (AS TABLE H), FLANGED BS TABLE J (AS TABLE J), FLANGED BS TABLE K (AS TABLE K), FLANGED BS TABLE R (AS TABLE R).

FLANGED: - PN16, PN10, PN25, JIS10, DIN10, DIN16, ANSI 125 CLASS, ANSI 150 CLASS, ANSI 300 CLASS.

BODY OR BONNET SEALS: - GRAPHITE, VITON, 316SS SPIRAL WOUND, GRAPHITE FILLED, 316SS RING JOINT GASKET, TEFLON, PTFE, AND RPTFE.

SAUNDERS™ IS REGISTERED TRADEMARK OF CRANE AND CHEMPHARMA ENERGY AND IS NOT CONNECTED TO GLOBAL SUPPLY LINE OR AUSTRALIAN PIPELINE VALVE.

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							
SIZES									
8MM NB		.25 INCH (1/4 INCH)			175MM NB	7 INCH			
10MM NB		.375 INCH (3/8 INCH)			200MM NB	8 INCH			
15MM NB		.5 INCH (1/2 INCH)			250MM NB	9 INCH			
20MM NB		.75 INCH (3/4 INCH)			300MM NB	10 INCH			
25MM NB		1 INCH			350MM NB	12 INCH			
32MM NB		1.25 INCH (1 1/4 INCH)			375MM NB	14 INCH			
40MM NB		1.5 INCH (1 1/2 INCH)			400MM NB	16 INCH			
50MM NB		2 INCH			450MM NB	18 INCH			
65MM NB		2.5 INCH (2 1/2 INCH)			600MM NB	22 INCH			
80MM NB		3 INCH			700MM NB	26 INCH			
100MM NB		4 INCH			750MM NB	30 INCH			
125MM NB		5 INCH			800MM NB	36 INCH			
150MM NB		6 INCH			900MM NB	40 INCH			

WE STOCK AS4794 CAST IRON AND DUCTILE IRON SWING CHECK VALVES IN METAL AND SOFT SEAT 50NB TO 400NB FLANGED TO ASME 125LB AND AS2129 TABLE D TO F AS WELL AS AS4331.1, AS4331.2, AS4087, PN10, PN14, PN16, PN21, PN25, PN35 AND ISO7005-1, ISO7005-2, EN1092-1, EN1092-2.

GLOBAL SUPPLY LINE IS A MAJOR VALVE STOCKIST, HOWEVER WE CAN ALSO SOURCE AND INDENT HARD TO FIND VALVES.

CERTIFICATION:- ALL ITEMS HAVE CERTIFICATION TO EN10204-3.1 (DIN500493.1) (FORMERLY 3.1B) MATERIAL CERTIFICATION ALSO INCLUDES MAJOR TRIM COMPONENTS.

UNIFLO CHECK VALVES ARE EQUIVALENT STYLE TO SAUNDERS™ N & NX. SAUNDERS IS A REGISTERED BRAND NAME OF CRANE. GLOBAL SUPPLY LINE AND AUSTRALIAN PIPELINE VALVE / FLOWTURN ARE NOT CONNECTED WITH CRANE IN ANY WAY.

NDT:- ON F51/F53 DUPLEX:- ALL DUPLEX IS CORROSION TESTED AND HAS MICROGRAPHIC EXAMINATION, DYE PENETRANT TEST (X-RAY/UT ALSO AVAILABLE IN SOME BRANDS)

BUTTWELD ENDS:- ALL BUTTWELD END CONNECTIONS ON CAST VALVES ARE DYE PENETRANT TESTED TO MSS SP-93 BONNETT WELDS ARE ALSO DYE PENETRANT TESTED ON ALL WELDED BONNET VALVES

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Checkvalves.xls

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							

THIS LIST INCLUDES:-

SWING CHECK VALVE AND PISTON CHECK VALVE 8MM, 10MM, 15MM, 20MM, 25MM, 32MM, 40MM, 50MM, 65MM, 80MM, 100MM, 125MM, 150MM, 200MM, 250MM, 300MM, 350MM, 400MM, 450MM, 1/4 INCH, 3/8 INCH, 1/2 INCH, 3/4 INCH, 1 INCH, 1 1/2 INCH, 2 INCH, 2 1/2 INCH, 3 INCH, 4 INCH, 6 INCH, 8 INCH, 10 INCH, 12 INCH, 16 INCH, 20 INCH, 22 INCH, 24 INCH, 26 INCH, 30 INCH, 32 INCH, 36 INCH, 42 INCH, 48 INCH. IN ANSI CLASS 150, CLASS 300, CLASS 600, CLASS 900, CLASS 1500, CLASS 2500, API 3000, API 5000

CERTIFICATION: MATERIAL & TEST CERTIFICATION TO EN10204-3.1 (DIN500493.1) (FORMERLY 50049.3.1B)

STANDARDS CAST CHECK VALVES:- TOAPI594, ASME B16.34, API600, API603, API6D, BS1868, NACE MR-01-75, API6D

TYPES:- SWING CHECK, TILT CHECK, PISTON CHECK, PIGGABLE 6D FULL OPENING SWING CHECK

STANDARDS FORGED CHECK VALVES:- TO API602, ANSI B16.34

DIMENSIONS:- TO ANSI B16.10

DESIGN PRESSURE/TEMP:- ANSI B16.34

END CONNECTIONS:- ANSI B16.5, ANSI B16.1, ANSI B16.25, BS21

BODY MATERIALS FOR CHECK VALVE:- ASTM A105N, A216 WCB, A216 LCB, ASTM A350 LF2, ASTM A351 CF8, ASTM A351 CF8M, DUPLEX, SUPER DUPLEX, AUSTENITIC, ASTM A216 GR WCB, ASTM A351 GR CF8M, A216 GR LCB, ASTM A182 F51, ALLOY 20 CN7M, ASTM A182 F316L, ASTM A182 F316, ASTM A182 F304L, ASTM A182 F304 BRONZE B62, BRONZE B148, ALUMINIUM BRONZE

END TYPES FOR CHECK VALVES:- BSP THREADED, NPT THREADED, BUTTWELD (BUTT WELD) SOCKETWELD (SOCKET WELD), FLANGED ANSI RF (SMOOTH FINISH & STOCK FINISH), FLANGED ANSI RING JOINT (RING GROOVE), FLANGED AS TABLE C,D,E,F,H,J, FLANGED BS TABLE C,D,E,F,H,J, (GRAYLOCK ENDS)

TRIM TYPES FOR CHECK VALVES:- ENP .003 INCH (ELECTROLESS NICKLE PLATED), CR13SS (AISI 410SS), 410SS (F6, F6A), ASTM A182 316L, ASTM A182 316, ASTM A182 304L, ASTM A182 304, BRONZE, ALUMINIUM BRONZE, ALLOY 20, DUPLEX, STELLITE HF (HARD FACED) NACE MR-01-75

BONNET TYPES FOR CHECK VALVES:- BOLTED, WELDED, PEASURE SEAL, BREECHLOCK, CLAMP SEAL

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							

TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							

CAST IRON/DUCTILE IRON SWING & PISTON CHECK VALVE STANDARDS

Our large stock of Cast Iron & Ductile Iron **Swing & Piston Check (lift check)** valves in our Australian inventory conforms to the following standards. Global Supply Line is the largest Australian stockist and supplier of Iron **Swing Check** valves. Australian Pipeline Valve - Flowturn is a quality manufacturer of fully tested & guaranteed **Swing Check & Piston Check** valves.

Stock range of valves in Ductile Iron, Cast Iron & Cast Steel ex Adelaide - Australia: - Ball Valves, Swing Check Valves, Dual Flap Water Check Valves, Wedge Gate Valves, Parallel Slide Gate Valves, Globe Valves, Screw Down Non Return Valves, Plug Valves, Y-Strainers, Basket Strainers.

Size range 6NB to 900NB (1/4" to 36")

Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel, Alloy Steel, Duplex Steel.

SPECIFICATION

AS2129
AS4087
AS4331.1 & AS4331.2 (DIN 2034)
ASME (ANSI) B16.5

CLASSES

TABLE D / E / F / H
PN14 / PN16 / PN21 / PN35
PN10 / PN16 / PN25 / PN50 / PN110 / PN150
CLASS 150LB / CLASS 300LB / CLASS 600LB

[Click here](https://www.australianpipelinevalve.com.au/Flipbook/FLOWTURN_CAST_DIAPHRAGM_GATE_GLOBE_CHECK_CATALOGUE_STOCKIST/index.html?page=1) (https://www.australianpipelinevalve.com.au/Flipbook/FLOWTURN_CAST_DIAPHRAGM_GATE_GLOBE_CHECK_CATALOGUE_STOCKIST/index.html?page=1) for the Flowturn catalogue (we stock all sizes).
* Covers pressure class PN14, PN21, PN35 equivalent drilling to BS10D, BS10E, etc. See Global Supply Line Slide rule for minor metrication differences
[Click here](http://globalsupplyline.com.au/flipbook-table-chart-size-as-ansi/) (http://globalsupplyline.com.au/flipbook-table-chart-size-as-ansi/)

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TYPE	SIZE		RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
	MM	INCH							

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