

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
BALL-MULTI	8 1/4	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 3P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG 3 WAY	60
BALL-MULTI	8 1/4	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803 FS FE PKG	CF8M	316 BALL 4 RPTFE SEATS GRP PKG/BG 3 WAY	50
BALL-MULTI	8 1/4	2000 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO LD L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS 3 WAY	6
BALL-MULTI	8 1/4	2000 PSI NPT	STARLINE	STARLINE	FB L-PORT VERTICAL 180° 3W 4P LO 800CL L4-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG 3 WAY	50
BALL-MULTI	8 1/4	3000 PSI NPT	FLOWTURN	FLOWTURN	SB L-PORT 3W PANEL MOUNT 180° TURN (SWAGelok STYLE)	316	316 BALL DELRIN SEATS PTFE PKG/BG 3 WAY	40
BALL-MULTI	8 1/4	3000 PSI TUBE	SWAGelok	SWAGelok	SB L-PORT 3W PANEL MOUNT 180° TURN 43GX56 SWAGelok	316	316 BALL DELRIN SEATS PTFE PKG/BG 3 WAY	20
BALL-MULTI	10 3/8	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803 FS FE PKG	CF8M	316 BALL 4 RPTFE SEATS GRP PKG/BG 3 WAY	50
BALL-MULTI	10 3/8	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 3P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG 3 WAY	50
BALL-MULTI	10 3/8	2000 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO LD L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS 3 WAY	8
BALL-MULTI	10 3/8	2000 PSI NPT	STARLINE	STARLINE	FB L-PORT VERTICAL 180° 3W 4P FS LO 800CL L4-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS PTFE PKG/BG 3 WAY	50
BALL-MULTI	10 3/8	3000 PSI NPT	FLOWTURN	FLOWTURN	SB L-PORT 3W PANEL MOUNT 180° TURN (SWAGelok STYLE)	316	316 BALL DELRIN SEATS PTFE PKG/BG 3 WAY	20
BALL-MULTI	15 1/2	1000 PSI BSP	FLOWTURN	FLOWTURN	FB L-PORT 3W 3P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG 3 WAY	20
BALL-MULTI	15 1/2	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 3P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG 3 WAY	20
BALL-MULTI	15 1/2	1000 PSI NPT	FLOWTURN	FLOWTURN	FB T-PORT 3W 3P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG 3 WAY	20
BALL-MULTI	15 1/2	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803 FS FE PKG	CF8M	316 BALL 4 RPTFE SEATS GRP PKG/BG 3 WAY	30
BALL-MULTI	15 1/2	1500 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO LD L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS 3 WAY	6
BALL-MULTI	15 1/2	2000 PSI NPT	FLOWTURN	FLOWTURN	SB 4W-X-PORT CROSS OVER VALVE 90° SIDE ENTRY PANEL MOUNT	316/L	316 BALL 5 DELRIN SEATS 4 WAY	10
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT VERTICAL 180° 3W 4P FS LO 800CL L4-286SGG-S	316/L	316/L BALL 4 CGPTFE SEATS PTFE PKG/BG 3 WAY	40
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	FB T-PORT 3W 4P FS LO 800CL NACE T5-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG 3 WAY	8
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	SB 4W-X-PORT 4W (DOUBLE 5P FS X1-2965GS-G (45YF8 SWAGelok EQUIVALENT))	316/L	316/L BALL 5 CGPTFE SEATS GRP PKG/BG 4 WAY	10
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO 800CL NACE L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	8
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO LD VERTICAL 180° 24-286SGG-S	316/L	316 BALL 4 RPTFE SEATS GRP PKG/BG	3
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO 800CL NACE L2-185SGG-S	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	5
BALL-MULTI	15 1/2	2000 PSI NPT	STARLINE	STARLINE	FB T-PORT 3W 4P FS LO 800CL NACE T5-185SGG-S	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	8
BALL-MULTI	15 1/2	3000 PSI NPT	FLOWTURN	FLOWTURN	SB L-PORT 3W PANEL MOUNT (WHITEY STYLE)	316	316 BALL DELRIN SEATS PTFE PKG/BG	20
BALL-MULTI	20 3/4	1000 PSI NPT	FLOWTURN	FLOWTURN	RB L-PORT 3W 4P LO LD ST=S31803 FS FE PKG	CF8M	316 BALL 4 RPTFE SEATS GRP PKG/BG	30
BALL-MULTI	20 3/4	1000 PSI NPT	FLOWTURN	FLOWTURN	SB L-PORT 3W 4P NF LO	CF8M	316 BALL PTFE SEATS PTFE	18
BALL-MULTI	20 3/4	1500 PSI BSPT	STARLINE	STARLINE	FB T-PORT 3W 4P FS LO 600CL NACE T5-186TGT-G	316/L	316/L BALL 4 PTFE SEATS GRP PKG/BG	10
BALL-MULTI	20 3/4	1500 PSI BSPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO 600CL NACE L2-186SGG-S	316/L	316/L BALL 4 PTFE SEATS GRP PKG/BG	4
BALL-MULTI	20 3/4	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO LD VERTICAL 180° 24-L286SGG-S	316/L	316 BALL 4 RPTFE SEATS GRP PKG/BG	10
BALL-MULTI	20 3/4	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO 600CL NACE L2-286SGS-G	316/L	316/L BALL 4 PTFE SEATS GRP PKG/BG	8
BALL-MULTI	20 3/4	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO 800CL NACE L2-286 SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	20 3/4	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO LD VERTICAL 180° 24-286SGG-S	316/L	316 BALL 4 RPTFE SEATS GRP PKG/BG	1
BALL-MULTI	20 3/4	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO 800CL NACE L2-285SGG-S	A105/LF2	316/L BALL CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	20 3/4	3000 PSI NPT	FLOWTURN	FLOWTURN	RB L-PORT 3W PANEL MOUNT 180° TURN (SWAGelok STYLE)	316	316 BALL DELRIN SEATS PTFE PKG/BG	10
BALL-MULTI	25 1	150 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	25 1	150 CL. RFSF	FLOWTURN	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	FLOWTURN	FB L-PORT 3W 4P FS	WCB	316 BALL S31803 ST 4 RPTFE SEATS GRP PKG/BG	4
BALL-MULTI	25 1	150 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	6
BALL-MULTI	25 1	300 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB T-PORT 3W 4P LO	CF8	316 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	25 1	300 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	25 1	300 CL. RFSF	FLOWTURN	FLOWTURN	FB T-PORT 3W 2P LO ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	25 1	300 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P FS	WCB	316 BALL S31803 ST 4 RPTFE SEATS GRP PKG/BG	1
BALL-MULTI	25 1	1000 PSI BSPT	FLOWTURN	FLOWTURN	SB T-PORT 3W 4P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	30
BALL-MULTI	25 1	1000 PSI BSPT	FLOWTURN	FLOWTURN	SB L-PORT 3W 4P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	26
BALL-MULTI	25 1	1000 PSI BSPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	10
BALL-MULTI	25 1	1000 PSI NPT	FLOWTURN	FLOWTURN	FB T-PORT 3W 4P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	8
BALL-MULTI	25 1	1000 PSI NPT	FLOWTURN	FLOWTURN	SB L-PORT 3W 4P NF LO	CF8M	316 BALL PTFE SEATS PTFE	18
BALL-MULTI	25 1	1000 PSI NPT	FLOWTURN	FLOWTURN	SB T-PORT 3W 3P LO LD ST=S31803	WCB	316 BALL 4 RPTFE SEATSS GRP PKG/BG	12
BALL-MULTI	25 1	1500 PSI BSP	STARLINE	STARLINE	SB T-PORT 3W 4P FS LO 600CL NACE T5-286SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	7
BALL-MULTI	25 1	1500 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO 600CL NACE L2-186SGG-S	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	12
BALL-MULTI	25 1	1500 PSI NPT	STARLINE	STARLINE	FB T-PORT 3W 4P FS LO 600CL NACE T5-183SGG-S	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	25 1	1500 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO 600CL NACE L2-183SGG-S	A105/LF2	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	4
BALL-MULTI	25 1	2000 PSI NPT	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO LD VERTICAL 180° 24-L286SGG-S	316/L	316 BALL 4 RPTFE SEATS GRP PKG/BG	10
BALL-MULTI	25 1	2500 PSI NPT	FLOWTURN	FLOWTURN	RB L-PORT 3W PANEL MOUNT (SWAGelok STYLE)	316	316 BALL DELRIN SEATS PTFE PKG/BG	8
BALL-MULTI	40 1.5	150 CL. RFSF	FLOWTURN	FLOWTURN	FB T-PORT 3W 3P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	40 1.5	150 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	40 1.5	150 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	2
BALL-MULTI	40 1.5	150 CL. RFSF	FLOWTURN	FLOWTURN	FB T-PORT 3W 2P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	2
BALL-MULTI	40 1.5	300 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	2
BALL-MULTI	40 1.5	300 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	40 1.5	300 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	2
BALL-MULTI	40 1.5	300 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	3
BALL-MULTI	40 1.5	300 CL. RFSF	STARLINE	STARLINE	SB L-PORT 3W 4P FS LO LD 286SGS-G ST=S31803	316/L	316/L BALL 4 CGPTFE SEATS GRP PKG/BG	3
BALL-MULTI	40 1.5	300 CL. UNDRILLRF	STARLINE	STARLINE	FB L/T PORT 3W 4P LO NACE FS ST=S31803	A105/LF2	316 BALL 4 CPTFE SEATS GRP PKG/BG	1
BALL-MULTI	40 1.5	1000 PSI NPT	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	8
BALL-MULTI	40 1.5	1000 PSI NPT	STARLINE	STARLINE	FB L-PORT 3W 4P FS LO LD L2-186SGG-S ST=S31803	316/L	316/L BALL 4 CGPTFE SEAT GRP PKG/BG	4
BALL-MULTI	40 1.5	1000 PSI NPT	STARLINE	STARLINE	FB T-PORT 3W 4P FS LO T5-186SGG-S ST=S31803	316/L	316/L BALL 4 CGPTFE SEAT GRP PKG/BG	4
BALL-MULTI	40 1.5	1000 PSI NPT	STARLINE	STARLINE	FB L-PORT OR T-PORT 3W 4P FS LO LD L2=185SGG-S ST=S31803	A105/LF2	316/L BALL 4 CGPTFE SEAT GRP PKG/BG	2
BALL-MULTI	50 2	150 CL. RFSF	FLOWTURN	FLOWTURN	FB T-PORT 3W 1P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	50 2	150 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	50 2	150 CL. RFSF	FLOWTURN	FLOWTURN	FB T-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEAT PTFE PKG/BG	1
BALL-MULTI	50 2	150 CL. UNDRILLRF	FLOWTURN	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	8
BALL-MULTI	50 2	150 CL. RFSF	FLOWTURN	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	6
BALL-MULTI	50 2	150 CL. RFSF	FLOWTURN	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	4
BALL-MULTI	50 2	150 CL. RFSF	STARLINE	STARLINE	SB T-PORT 3W 4P FS LO LD T5-283SGS-G ST=S31803	A105/LF2	316 BALL 4 RPTFE SEATS GRP PKG/BG	2

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER	DESCRIPTION	BODY	TRIM	QTY
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 ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	50 2	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	WCB	304 BALL 4 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	BSP	FLOWTURN	SB L-PORT 3W 4P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	6
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	3
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
BALL-MULTI	65 2 1/2	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 2P LO LD ST=S31803	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 ST=S31803	WCB	316 BALL 4 PTFE SEATS GRP PKG/BG	3
BALL-MULTI	65 2 1/2	150 CL.	UNDRILLRF	FLOWTURN	FB T-PORT 3W 4P LO LD ST=S31803	WCB	304 BALL 4 CPTFE SEATS GRP PKG/BG	1
BALL-MULTI	80 3	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	5
BALL-MULTI	80 3	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 1P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	6
BALL-MULTI	80 3	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	5
BALL-MULTI	80 3	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	8
BALL-MULTI	80 3	150 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 2P FS LO LD ST=S31803	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 ST=S31803	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	CF8	304 BALL 4 CPTFE SEATS GRP PKG/BG	1
BALL-MULTI	80 3	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	80 3	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	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 ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100 4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	5
BALL-MULTI	100 4	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD	CF8	316 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100 4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 2P LO LD	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100 4	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	CF8M	316 BALL 4 PTFE SEATS PTFE PKG/BG	4
BALL-MULTI	100 4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	3
BALL-MULTI	100 4	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	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 ST=S31803	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	CF8	304 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	100 4	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803	WCB	316 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	100 4	300 CL.	RFSF	FLOWTURN	FB L-PORT 3W 4P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	150 6	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	CF8M	316 BALL 4 RPTFE SEATS PTFE PKG/BG	1
BALL-MULTI	150 6	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	3
BALL-MULTI	150 6	150 CL.	RFSF	FLOWTURN	FB L-PORT 3W 2P LO LD ST=S31803	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 ST=S31803	WCB	304 BALL 4 PTFE SEATS PTFE PKG/BG	1
BALL-MULTI	150 6	300 CL.	UNDRILLRF	FLOWTURN	FB L-PORT 3W 1P FS LO LD ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	1
BALL-MULTI	200 8	150 CL.	RFSF	FLOWTURN	FB T-PORT 3W 1P GO ST=S31803	WCB	304 BALL 4 PTFE SEATS GRP PKG/BG	1
BALL-MULTI	200 8	150 CL.	UNDRILLRF	FLOWTURN	RB T-PORT 3W 4P GO ST=S31803	WCB	304 BALL 4 PTFE SEATS PTFE PKG/BG	1

CERTIFICATION: MATERIAL & TEST CERTIFICATION TO EN10204-3.1 (DIN50049.1) (FORMERLY 50049.3.1B)

ABBREVIATIONS: 1P=UNI BODY BOLTED BONNET, 2P=2 PIECE BODY, 4P=SPOOLED 4 PIECE BOLTED BODY, 3W=3 WAY, 4W=4 WAY, BG=BODY GASKET, CL=ANSI/ASME CLASS, CGPTFE=CARBON & GRAPHITE FILLED PTFE, EE=END ENTRY, F TO F=FACE TO FACE, FB=FULL BORE, FS=FIRESAFE, LD=LOCKING DEVICE, LO=LEVER OPERATOR, LP=LONG PATTERN, MP=MOUNT PAD, PKG=STEM PACKING, RB=REDUCED BORE, RTJ=RING JOINT GASKET, SB=STANDARD BORE, SF=SMOOTH FINISH (3.2 TO 6.3 RA 125 250 AARH), SOL=SOLID BALL, TE=TOP ENTRY, TM=TRUNNION MOUNT, UNI=UNIBODY 1 PIECE TOP BONNET.

GLOBAL SUPPLY LINE PRODUCT RANGE MULTIWAY BALL VALVES

3 WAY AND 4 WAY, L PORT, T PORT, CAST IRON, A216 WCB CAST STEEL, A351 CF8 AND CF8M STAINLESS STEEL, LEVER OPERATED GEAR OPERATED AND WITH PNEUMATIC ACTUATOR.

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.

OPERATOR: - LOCKABLE, GEN-OPERATED, EXTENDED BONNET, EXTENDED STEM, CHAIN WHEEL OPERATED, PNEUMATIC ACTUATOR, ELECTRIC ACTUATOR, ESD.

SEATS: - TEFLON, RPTFE, PEEK, CARBON PTFE, GRAPHITE, DEVLON, NYLON, TEFLON, METAL TO METAL.

LOW AND HIGH TEMPERATURE.

FULL BORE (FULL BORE) REDUCED BORE (REDUCED BORE)

SIZES

8MM NB	.25 INCH (¼ INCH)	175MM NB	7 INCH
10MM NB	.375 INCH (¾ INCH)	200MM NB	8 INCH
15MM NB	.5 INCH (½ INCH)	250MM NB	9 INCH
20MM NB	.75 INCH (¾ INCH)	300MM NB	10 INCH
25MM NB	1 INCH	350MM NB	12 INCH
32MM NB	1.25 INCH (1¼ INCH)	375MM NB	14 INCH
40MM NB	1.5 INCH (1½ INCH)	400MM NB	16 INCH
50MM NB	2 INCH	450MM NB	18 INCH
65MM NB	2.5 INCH (2½ 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

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Ball Multi & Balancing.xls

Sort: B,D,I,G

TYPE	SIZE MM INCH	RATING	ENDS	MANUFACTURER DESCRIPTION	BODY	TRIM	QTY
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THIS LIST INCLUDES 3 WAY, 4 WAY AND DOUBLE BLOCK AND BLEED TWIN BALL VALVES IN CARBON STEEL AND STAINLESS STEEL, FLANGED AND SCREWED ENDS. (6MM, 8MM, 10MM, 15MM, 20MM, 25MM, 32MM, 40MM, 50MM, 65MM, 80MM, 100MM, 150MM, 200MM, (.5 INCH, .75 INH, 1 INCH, 1.5 INCH, 2 INCH, 3 INCH, 4 INCH, 5 INCH, 6 INCH, 8 INCH) IN ANSI/ASME CLASS 125, CLASS 150, CLASS 300, CLASS 600, CLASS 900, CLASS 1500 AND AS TABLE D, E, F, H

3WAY AND 4WAY BALL VALVES (DIVERTER VALVES)

STYLES:- 3 WAY L PORT, 3 WAY T PORT, 4 WAY T PORT, 4 WAY L PORT, 4 WAY DOUBLE PORT

DESIGNS:- SIDE ENTRY, BOTTOM ENTRY, 90 DEGREE TURN, 180 DEGREE TURN, Y TYPE

DIMENSIONS:- TO ANSI B16 SHORT PATTERN & LONG PATTERN

DESIGN PRESSURE/TEMP:- ANSI B16.34

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

AVAILABLE FEATURES:- MOUNTING PAD ISO 5211, FIRESAFE, ANTISTATIC

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

END TYPES:- NPT THREADED, BUTTWELD (BUTT WELD) SOCKETWELD (SOCKET WELD), FLANGED ANSI RF (SMOOTH FINISH, STOCK FINISH), FLANGED ANSI RING JOINT (RING GROOVE), FLANGED AS/BS TABLE C,D,E,F,H,J.

TRIM TYPES:- CR13SS 410SS ASTM A182 316L, ASTM A182 316, ASTM A182 304L, ASTM A182 304, ALLOY 20, DUPLEX, NACE MR-01-75

AVAILABLE SEATS:- METAL, REINFORCED PTFE, PEEK, VIRGIN PTFE, STELLITE, TUNGSTEN CARBIDE, STELLITE HF (HARD FACED)

SHUT OFF CLASS:- ANSI CLASS VI

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