



Stainless Steel Ball Valves

High Purity Ball Valves

NOTE: Not all possible part number combinations are available. Please contact Valex for availability. Statement of PED approval available upon request.

TUBE & NPS, JIS PIPE SIZES																																																															
S - STR 40 A - XX X S S - MB																																																															
<p>Material S = Stainless Steel</p> <p>Assembly Pattern STR = straight DHC = double horizontal cross SHC = single horizontal cross DHT = double horizontal tee DVT = double vertical tee DAV = double angle valve DSS = double single sided</p> <p>Main Tube/Pipe Size</p> <table border="0"> <tr><td>04 = 1/4" o.d. x .035" wall</td><td>15 = DN15 (NPS 1/2 / JIS 15A)</td></tr> <tr><td>06 = 3/8" o.d. x .035" wall</td><td>20 = DN20 (NPS 3/4 / JIS 20A)</td></tr> <tr><td>08 = 1/2" o.d. x .049" wall</td><td>25 = DN25 (NPS 1 / JIS 25A)</td></tr> <tr><td>12 = 3/4" o.d. x .065" wall</td><td>32 = DN32 (NPS 1-1/4 / JIS 32A)</td></tr> <tr><td>16 = 1" o.d. x .065" wall</td><td>40 = DN40 (NPS 1-1/2 / JIS 40A)</td></tr> <tr><td>24 = 1-1/2" o.d. x .065" wall</td><td>50 = DN50 (NPS 2 / JIS 50A)</td></tr> <tr><td>32 = 2" o.d. x .065" wall</td><td>65 = DN65 (NPS 2-1/2 / JIS 65A)</td></tr> <tr><td>40 = 2-1/2" o.d. x .065" wall</td><td>80 = DN80 (NPS 3 / JIS 80A)</td></tr> <tr><td>48 = 3" o.d. x .065" 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outlet N = tube butt weld inlet, B16.5 Class 150 Flange outlet P = B16.5 Class 150 Flange inlet and outlet Q = compression fitting w/ plug inlet, tube butt weld outlet R = tube butt weld inlet, compression fitting w/ plug outlet</p> <p>Branch Valve(s) Outlet Size</p> <table border="0"> <tr><td>04 = 1/4" o.d. x .035" wall</td><td>XX = no branch valve(s)</td></tr> <tr><td>06 = 3/8" o.d. x .035" wall</td><td>15 = DN15 (NPS 1/2 / JIS 15A)</td></tr> <tr><td>08 = 1/2" o.d. x .049" wall</td><td>20 = DN20 (NPS 3/4 / JIS 20A)</td></tr> <tr><td>12 = 3/4" o.d. x .065" wall</td><td>25 = DN25 (NPS 1 / JIS 25A)</td></tr> <tr><td>16 = 1" o.d. x .065" wall</td><td>32 = DN32 (NPS 1-1/4 / JIS 32A)</td></tr> <tr><td>24 = 1-1/2" o.d. x .065" wall</td><td>40 = DN40 (NPS 1-1/2 / JIS 40A)</td></tr> <tr><td>32 = 2" o.d. x .065" wall</td><td>50 = DN50 (NPS 2 / JIS 50A)</td></tr> <tr><td>40 = 2-1/2" o.d. x .065" wall</td><td>65 = DN65 (NPS 2-1/2 / JIS 65A)</td></tr> <tr><td>48 = 3" o.d. x .065" wall</td><td>80 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Standard Finish Option (per SP-9217)</p> <p>Outlet Purge Port* X = no purge port C = compression fitting D = purge drill (open to atmosphere) P = compression fitting w/ plug S = face-seal (swivel male nut w/cap) T = purge tube (open to atmosphere) U = face-seal (swivel female nut w/plug) V = purge valve w/ compression fitting</p> <p>Inlet Purge Port* X = no purge port C = compression fitting D = purge drill (open to atmosphere) P = compression fitting w/ plug S = face-seal (swivel male nut w/cap) T = purge tube (open to atmosphere) U = face-seal (swivel female nut w/plug) V = purge valve w/ compression fitting</p> <p>Connection On Branch Valve(s) X = no branch valve A = JIS (sch 5) pipe butt weld B = tube butt weld w/ welded cap C = compression fitting D = NPS (sch 10) w/ B16.5 Class 150 Flange E = female NPT national pipe thread F = face-seal fixed male L = NPS (sch 10) pipe butt weld M = tube butt weld P = compression fitting w/ plug</p> <p>*Purge port sizes 1/4" purge port is used for valve sizes up to 2" Tube & D50 Pipe (NPS 2 / JIS 50A). 1/2" purge port is used for valve sizes larger than 2" Tube & DN50 Pipe (NPS 2 / JIS 50A).</p>	0 = N/A	P = purple	B = blue	R = red	D = gold	S = silver	G = green	W = white	I = pink	Y = yellow	K = black	
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