

Three-Way Ball Valves

Specifications

Maximum working pressure 207 bar (3000 psi)
 Maximum working temperature 232 °C (450 °F)

Parts

See Figure 1.

3-Way Ball Valve

Item	Part	Part	Description	Quantity	Note
—	247948		VALVE, ball, 3-way	1	
—		247673	VALVE, ball, 3-way, stainless steel	1	A
1	750156	750156	• HANDLE	1	
2	750050	750050	• SCREW, fil, #8-32 x 0.875 in., steel, zinc, GR5	1	
3	750044		• STEM		
3		750134	• STEM	1	
4	750045	750045	• NUT, gland, stem	1	
5	247947		• HOUSING valve	1	
5		247672	• HOUSING, valve, stainless steel	1	
6	750056		• CAP, body	1	
6		750136	• CAP, body, 316, stainless steel	1	
7	750060	750060	• SEAL, body	1	
8	247674	247674	• BALL, 3-way	1	
9	750059	750059	• SEAT, ball	2	
10	750047	750047	• WASHER, thrust, 0.343 x 0.500 x 0.020 in.	1	
11	750046	750046	• PACKING, stem	1	
12	750048	750048	• SPRING, flat, 1.125 x 0.218 OD x 0.026 in.	1	

NOTE A: For identification, 316 is etched on the stem of stainless steel ball valves.

Parts *(contd)*

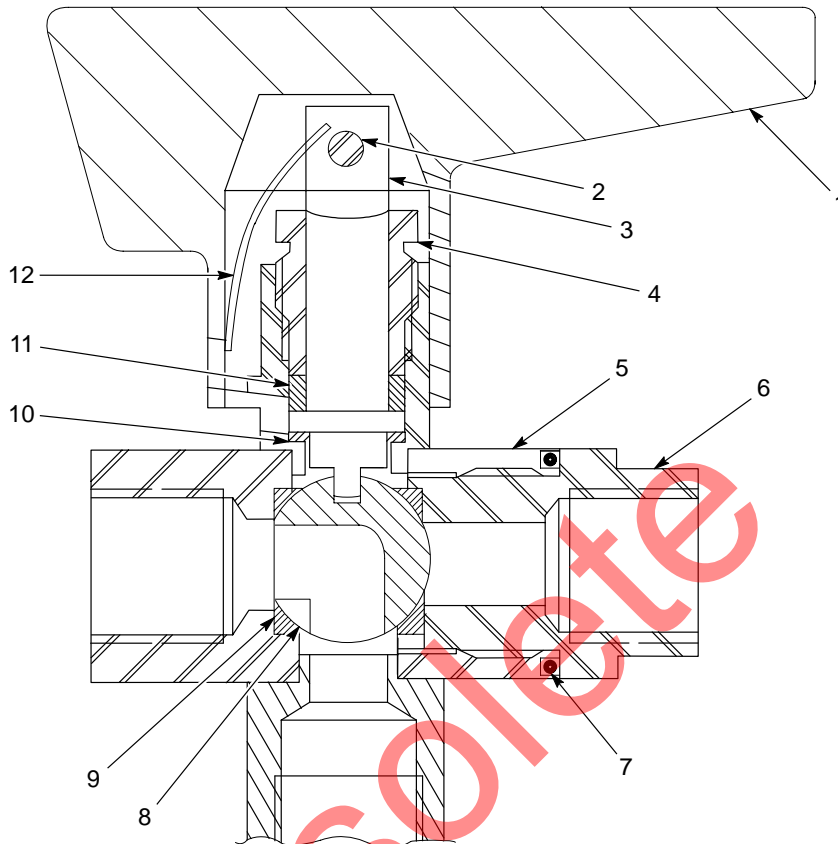


Figure 1 3-way Ball Valve Assembly

Spare Parts

See Figure 1.

NOTE: Reassemble the valve hand-tight when replacing the seals with the following kit. After the valve parts are hand tight, heat the valve for 2.5 hours at 177 °C (350 °F). Then, fully tighten the parts of the valve. Tightening the valve cold forces the seals out of their seats.

Item	Part	Description	Quantity	Note
—	106251	KIT, repair	1	
11	750046	• PACKING, stem	1	
12	750048	• SPRING, flat, 1.125 x 0.218 OD x 0.026 in.	1	
10	750047	• WASHER, thrust, 0.343 x 0.500 x 0.020 in.	1	
7	750060	• SEAL, body	1	
9	750059	• SEAT, ball	2	

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