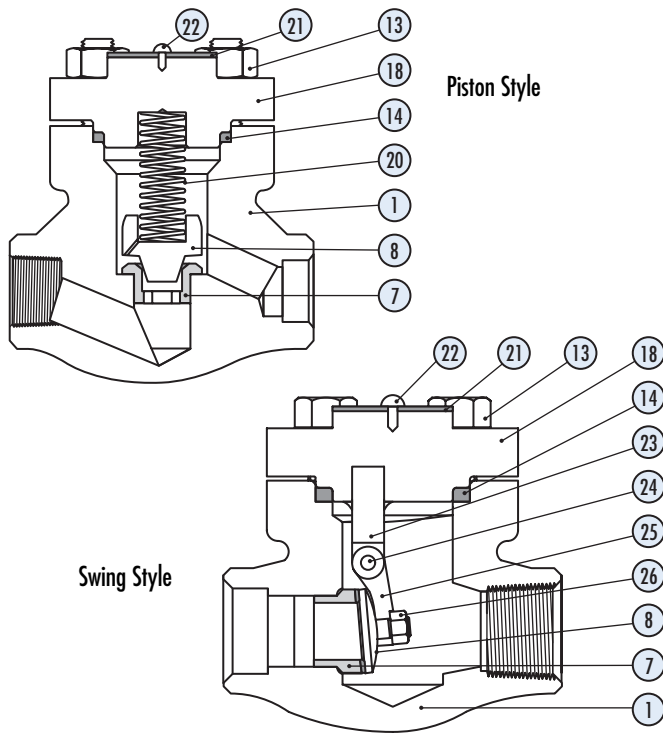


Check Valves

Bolted, Welded & Union Cap • Class 150, 300, 600, 800, 1500, & 2500



No.	Part	Material
1	Body	A105N Carbon Steel
7	Seat	ASTM A182 F6/Stellite® 6 Alloy Steel
8	Piston	ASTM A182 F6 Alloy Steel
8	Disc	ASTM A182 F6 Alloy Steel
13	Cap Screws	ASTM A193 B7M
14	Gasket	316 SS Spiral Wound Grafoil®
18	Bolted Cover	A105N Carbon Steel
20	Spring	AISI 304 Stainless Steel
21	Name Plate	Aluminum
22	Rivet	Stainless Steel
23	Pin	ASTM A182 F6 Alloy Steel
24	Hinge Pin	Stainless Steel
25	Arm	ASTM A182 F6 Alloy Steel
26	Retaining Nut	ASTM A194 2HM

DSI® valves are manufactured in strict accordance with the following standards:

API 602	Compact steel gate valves
API 598	Valve Inspection and Test
ANSI/ASME B16.34	Steel valve, flanged and butt-welding end
ANSI/ASME B16.5	Steel pipe flanges and flanged fittings
ANSI/ASME B16.10	Face-to-face and end-to-end dimensions of ferrous valves
ANSI/ASME B16.11	Forged steel fittings, socket welding and threaded
ANSI/ASME B1.20.1	Pipe threads, general purpose
ANSI/ASME B31.3	Chemical plant and petroleum refinery piping
MSS SP-25	Standard marking system for valves, fittings, flanges and unions
MSS-SP-6	Standard finishes for contact faces of pipe, flanges and connecting end flanges of valves and fittings
NACE MR-01-75	Material requirements: Sulfide stress cracking resistant metallic materials for oil field equipment.

External Material		Trim Material		Sealing Material	
ASTM	Body Bonnet	Bolts ASTM	Piston or Ball AISI	Seat Gasket	
A105	A105N	ASTM A193-B7M	410 316 410 Monel	410HF 316HF 410HF Monel	316 Stainless Steel Spiral Wound Grafoil®
A350	LF2	ASTM A320-L7M	410 316	410HF 316HF	
A182	F5	ASTM A193-B16	410	410HF	
	F11				
	F9				
	F316L	ASTM A193-B8M	316L	316LHF	
F316	316		316HF		

NOTE: Monel trim valves are fitted with a Monel spiral wound Grafoil® filled gasket.

