



FORGED STEEL VALVES

Piston Check Valve 800Lb

ΒΑΛΒΙΔΕΣ ΑΝΤΕΠΙΣΤΡΟΦΗΣ ΕΜΒΟΛΟΥ 800#

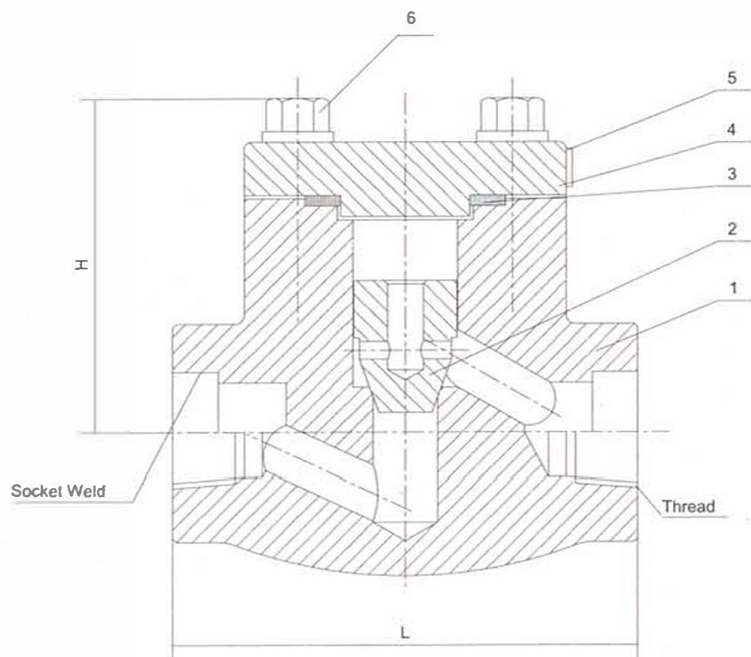


FIG NO: TH: 630118
SW: 630128

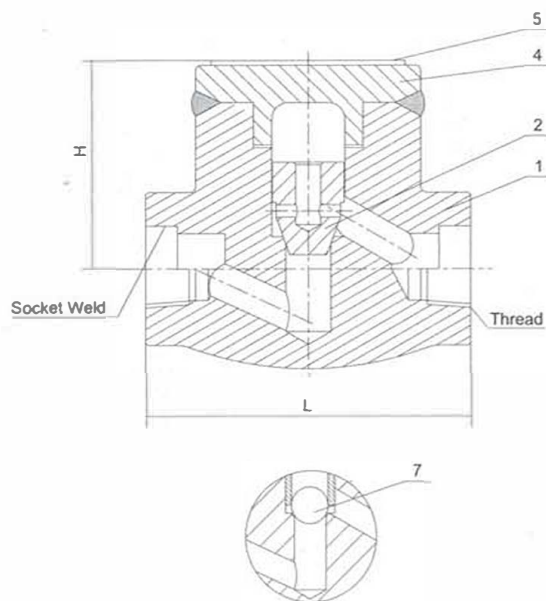


FIG NO: TH: 630218
SW: 630228

Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Piston Disc	A276 410	A276 304	A276 304(L)	A276 316(L)
3	Gasket	Corrugated SS+graphite		SS+PTFE	
4	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Nameplate	SS			
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
7	Ball	A182 F304	A182 F304	A182 F304	A182 F304
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ , CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.

CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS	Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
	Full		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L		79	79	92	111	120	152	172	200
H(OPEN)		61	61	65	79	95	103	118	132
Weights	Bolted	1.4	1.2	1.5	3.1	3.9	5.6	8.9	12.5
	Welded	1.1	1.0	1.2	2.9	3.3	4.9	8.1	10.9



DESIGN AND MANUFACTURE:

API 602, API 606, BS 5352, BS 6364, AND ASME B 16.34

TEST PRESSURE TO:

API 598 AND MARKING IS PER MSS SP-25

SOCKET WELD ENDS TO:

ASME B 16.11

SCREWED ENDS (NPT) TO:

ANSI/ASME B 1.20.1



CONSTRUCTION IS AS FOLLOWS:

- * FULL PORT OR CONVENTIONAL PORT
- * OUTSIDE SCREW AND YOKE (OS&Y)
- * TWO PIECE SELF ALIGNING PACKING GLAND
- * INTEGRAL BACKSEAT
- * BOLTED BONNET WITH SPIRAL-WOUND GASKET, THREADED AND -
- SEAL WELDED BONNET OR THREADED AND PRESSURE SEAL BONNET

ABOUT FORGED STEEL VALVES



Fluval valves are available in three bonnet designs. The first design is the Bolted Bonnet, with male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available. The third design is the pressure seal bonnet, with a threaded and pressure seal bonnet joint.