FV FLUVAL

CHRYSSAFIDIS

FORGED STEEL VALVES

Swing Check Valve 800Lb,900Lb~1500Lb

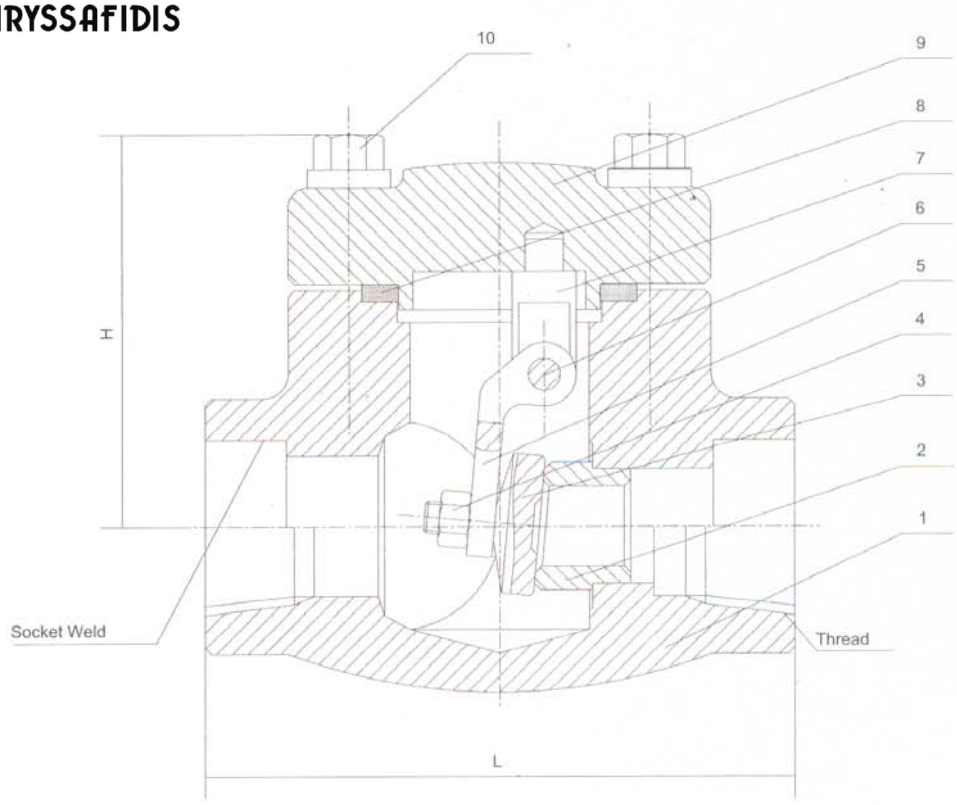

FIG NO: TH: 631110
SW: 631120

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	Seat	A276 410	A276 304	A276 304(L)	A276 316(L)
3	Swing Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
4	Nut	A194 2H	A194 4	A194 8	A194 8M
5	Hinge	A105	A182 LF2	A182 F304(L)	A182 F316(L)
6	Pin	A276 420		A182 F304	A182 F316
7	Pontlevis	A105	A182 LF2	A182 F304(L)	A182 F316(L)
8	Gasket	Corrugated SS+graphite		SS+PTFE	
9	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
10	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO_3,CH_3OOH etc	
Suitable Temperature		-29℃~425℃	-29℃~550℃	-29℃~180℃	

Note:Other materials are available upon request.
CS=Carbon Steel;AS=Alloy Steel:SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	800Lb	79	79	92	111	120	120	140
	900~1500Lb	92	111	111	120	120	140	178
H	800Lb	61	61	78	84	101	120	133
	900~1500Lb	79	79	79	97	105	120	140
Weights	800Lb	1.1	1.0	1.9	3.9	4.5	7.3	10.0
	900~1500Lb	3.1	3.0	3.6	4.3	6.1	8.8	12.6

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INTRODUCTION OF PRODUCT

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.