



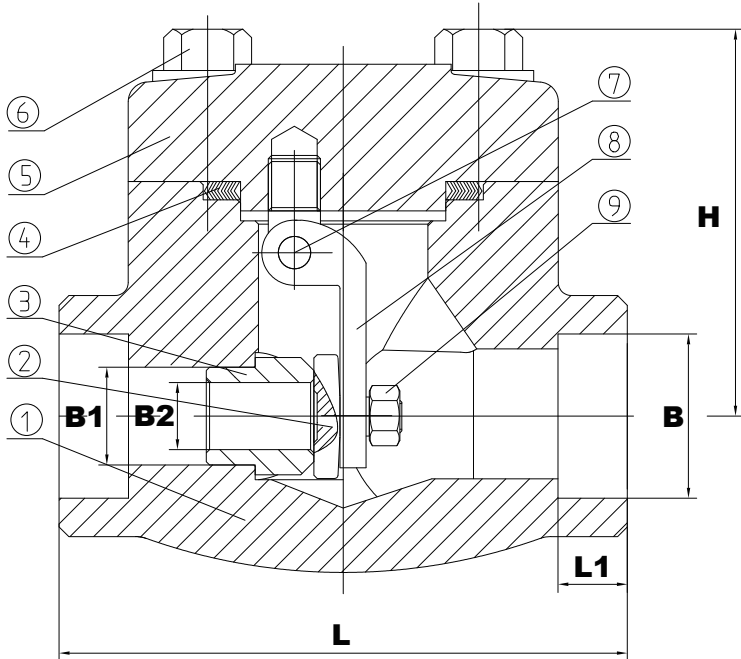
Class 800 Forged Steel Swing Check Valve

FIG.# 4E-38FGO8S

Bolted Bonnet, Socket Weld
Temperature -84°F to 797°F

STANDARDS COMPLIANCE:

Basic Design	API 602, ASME B16.34
Test Standard	API 598
Face to Face Dimensions	MFG'S
End Connection	Socket Weld Ends to ASME B16.11 Screwed Ends (NPT) to ASME B1.20.1 Butt Welding Edns to ASME B16.25



MATERIAL LIST		
No.	Part Name	Material
1.	Body	A105N
2.	Disc	A182 F6a+STL 6#
3.	Seat	A182 F6a
4.	Gasket	SS + Flexible Graphite
5.	Bonnet	A105N
6.	Bolt	A193 B7
7.	Pin	A276 410
8.	Hinge	SS 304
9.	Nut	A194 2H



DIMENSIONS & WEIGHT							
SIZE	unit	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
L	inch	3.11	3.62	4.37	4.72	4.72	5.51
	mm	79	92	111	120	120	140
L1	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
B	inch	0.86	1.07	1.33	1.68	1.92	2.41
	mm	21.8	27.2	33.9	42.7	48.8	61.2
B2	inch	0.41	0.53	0.71	0.91	1.14	1.42
	mm	10.3	13.5	18	23	29	36
B1	inch	0.59	0.67	0.87	1.10	1.37	1.65
	mm	15	17	22	28	35	42
H	inch	2.60	2.63	3.23	3.43	4.17	4.84
	mm	66	67	82	87	106	123
Weight	LBS.	3.40	3.70	6.32	8.49	12.35	15.43
	Kgs.	1.54	1.68	2.87	3.85	5.6	7

Weights are approximate and construction is subject to change without notice.