



# Class 800 Forged Steel Swing Check Valve

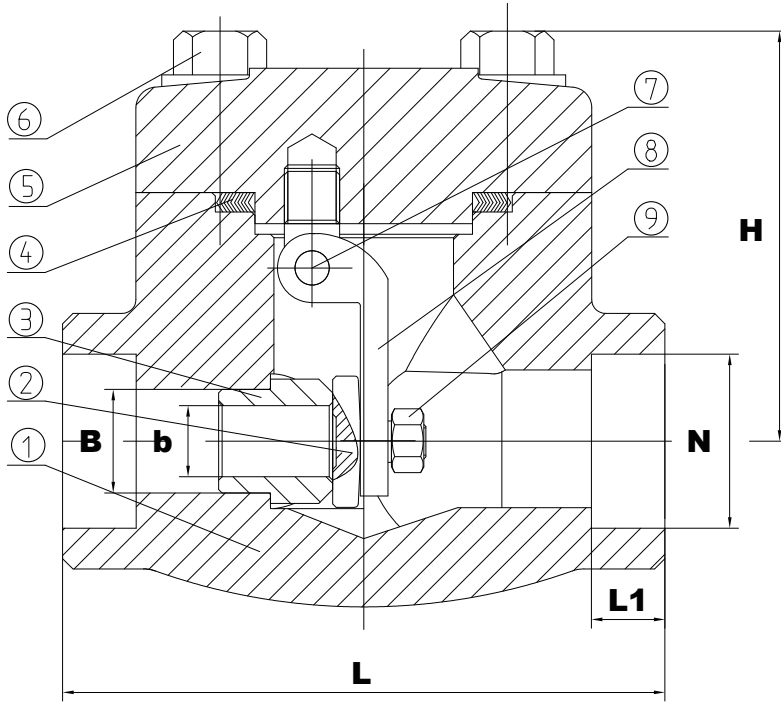
FIG.# 4E-38FG08S/T/ST

Class 800 to 2500, Swing Type, Bolted Bonnet  
Available in Socket Weld, Threaded and SW x Thrd connections

CLASS		800	
Test	Shell	21.4	MPa
	Seat	15.4	
Temperature: - 29°C (- 20°F) ~ 425°C (797°F)			
Medium: Water, Oil & Gas			

### STANDARDS COMPLIANCE:

Design and Manufacture	API 602
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
Pressure- Temperature	ANSI B16.34
Test & Inspect	API 598



### 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 (SW)	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
NPT	inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	mm	12.7	19.1	25.4	31.8	38.1	50.8
N (SW)	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
b	inch	0.41	0.53	0.71	0.91	1.14	1.42
	mm	10.3	13.5	18	23	29	36
B	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

#### NOTE:

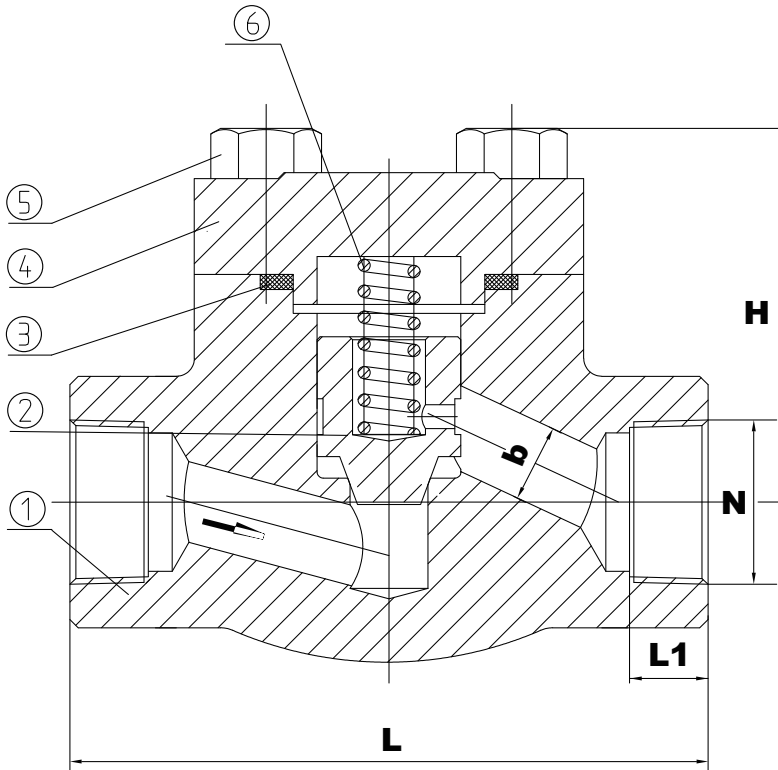
- Due to the continuous development of our products, specifications subject to change without notice.
- In Dimension & Weight (SW) figures are for Socket Weld Valves only.

# Class 800 Forged Steel Piston/Lift Check Valve **4E**<sup>®</sup>

**FIG.# 4E-58FG08S/T/ST**

Class 800 to 2500, Piston/ Lift Type, Bolted Bonnet  
Available in Socket Weld, Threaded and SW x Thrd connections

	CLASS	800	
Test	Shell	21.4	MPa
	Seat	15.4	
Temperature: - 29°C (- 20°F) ~ 425°C (797°F)			
Medium: Water, Oil & Gas			



## STANDARDS COMPLIANCE:

Design and Manufacture	API 602
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
Pressure- Temperature	ANSI B16.34
Test & Inspect	API 598

## MATERIAL LIST

No.	Part Name	Material
1.	Body	A105N+STL 6#
2.	Disc	A182 F6a
3.	Gasket	SS + Flexible Graphite
4.	Cover	A105N
5.	Stud	A193 B7
6.	Spring	SS 304



### NOTE:

1. Due to the continuous development of our products, specifications subject to change without notice.

2. In Dimension & Weight (SW) figures are for Socket Weld Valves only.

## 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	5.98	6.77
	mm	79	92	111	120	152	172
L1 (SW)	inch	0.39	0.51	0.51	0.51	0.51	0.63
	mm	10	13	13	13	13	16
NPT	inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	mm	12.7	19.1	25.4	31.8	38.1	50.8
N (SW)	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
b	inch	0.39	0.51	0.67	0.87	1.06	1.30
	mm	10	13	17	22	27	33
H	inch	2.44	2.48	3.07	3.23	4.02	4.72
	mm	62	63	78	82	102	120
Weight	LBS.	3.40	3.70	6.32	8.49	13.89	17.74
	Kgs.	1.54	1.68	2.87	3.85	6.3	8.05