

**Fig No: FSF-150 Integral body flanged**  
**1/2"~ 2" DN15 ~ DN50**

**Features :**

Integral Flanged valves are available in bonnet designs. The design is the Bolted Bonnet, With male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. Integral flanged end valves are available in gate, globe, piston check design configuration.

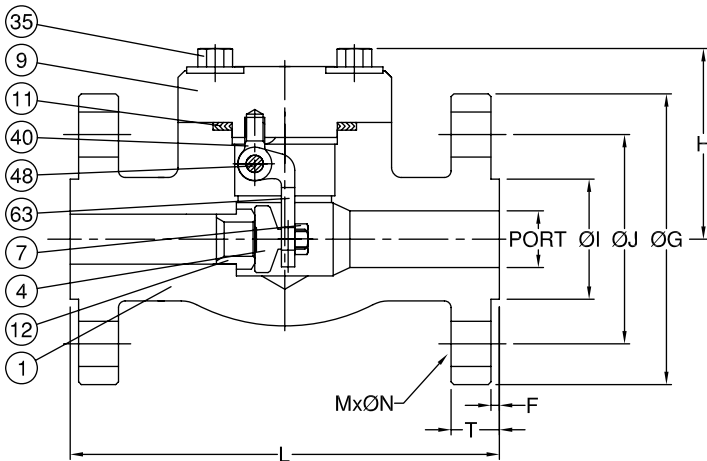


**Integral Flanged End Valve Design Construction and Specifications :**

Integral flanged end valves conform to API602, MSS-SP-118 (as applicable), and ANSI B16.34. BS 5352. Each are tested according to API 598, Marking is per MSS SP-25.

**Construction is as follows :**

- Full Port or Conventional Port
- Face to Face according to ANSI B16.10
- Flanges according to ANSI B16.5
- Integral body flange
- Bolted bonnet with spiral-wound gasket
- Swing type



**MATERIALS LIST**

NO.	NAME	MATERIAL
1	BODY	ASTM A105
4	SWING DISC	ASTM A182 Gr.F6+STL#6
7	DISC NUT	ASTM A194 Gr.2H
9	BONNET	ASTM A105
11	BODY SEAL	F304+GRAPHITE
12	SEAT	ASTM A182 Gr.F6
35	BODY BOLT	ASTM A193 Gr.B7
40	PONTLEVIS	ASTM A105
48	PIN	ASTM A276 Gr.410
63	HINGE	ASTM A105

\* Other material available upon request

**DIMENSIONS**

SIZE	PORT	L	H	ØG	ØJ	ØI	T	F	M	ØN	unit:mm
DN15	1/2"	13.0	108.0	70.0	89.0	60.5	35.0	12.0	1.6	4	15
DN20	3/4"	19.0	117.0	75.0	98.0	70.0	43.0	13.0	1.6	4	15
DN25	1"	25.0	127.0	90.0	108.0	79.5	51.0	14.5	1.6	4	15
DN32	1-1/4"	32.0	140.0	110.0	117.0	89.0	64.0	16.0	1.6	4	15
DN40	1-1/2"	38.0	165.0	110.0	127.0	98.5	73.0	17.5	1.6	4	15
DN50	2"	51.0	203.0	130.0	152.0	120.5	92.0	19.0	1.6	4	19