

Fig no. SF-150

Size : 1/2" - 12" (DN15 - DN300)



Features :

Swing type,
Bolted cover, Integral seat
For Horizontal or Vertical line
For General Chemical and industrial application

Standard Compliance :

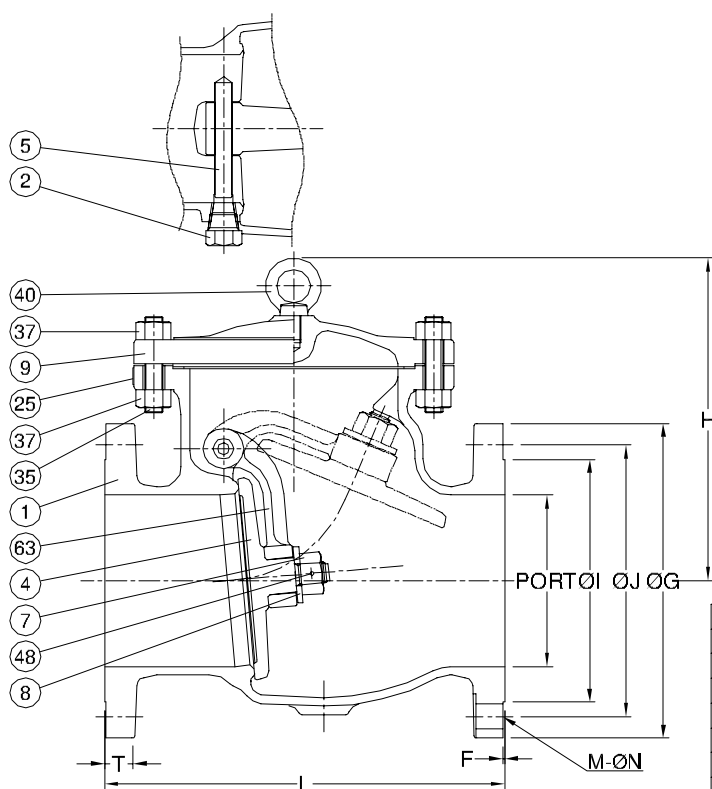
Design per : B16.34 / API 603
Body wal thickness : ANSI B16.34
Face to face : ANSI B16.10 class 150
Flange dimension : ANSI B16.5 Class 150 RF
Body Material : A351 CN7M
Pressure testing : EN12266-1/ API 598

Specification :

End Connection : Flange end
Working pressure : 230 psi (CWP)
Temperature : -20 ~180°C

Options :

1. Gasket/ stem packing to be graphite
2. Flange face smooth finished



MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A351 Gr.CN7M
2	PLUG	ALLOY 20
4	DISC	ASTM A351 Gr.CN7M (1-1/2" ABOVE) ALLOY 20 (1" UNDER)
5	HINGE PIN	ALLOY 20
7	DISC NUT	ALLOY 20
8	DISC WASHER	ALLOY 20
9	COVER	ASTM A351 Gr.CN7M
11	GASKET	PTFE.
25	NAME PLATE	ASTM A686-304
35	COVER STUD	ASTM A193-B8 CLASS 2
37	COVER NUT	ASTM A194 Gr.8 (HEAVY)
40	EYE BOLT	ASTM A36+Zn PLATE (5" ABOVE)
48	PIN	ALLOY 20
63	SWING ARM	ASTM A351 Gr.CN7M

DIMENSIONS

DIMENSIONS											unit:mm
SIZE	PORT	L	H	øG	øJ	øI	T	F	M	øN	
DN15	1/2"	15.0	108.0	80.0	88.9	60.5	35.1	9.7	1.6	4	15.9
DN20	3/4"	19.1	117.0	80.0	98.6	69.9	42.9	10.4	1.6	4	15.9
DN25	1"	25.4	127.0	96.0	108.0	79.2	50.8	11.2	1.6	4	15.9
DN40	1-1/2"	38.1	165.0	122.0	127.0	98.6	73.2	14.2	1.6	4	15.9
DN50	2"	50.8	203.0	142.0	152.4	120.7	91.9	15.7	1.6	4	19.0
DN65	2-1/2"	63.5	216.0	148.0	177.8	139.7	104.6	17.5	1.6	4	19.0
DN80	3"	79.0	241.0	161.0	190.5	152.4	127.0	19.1	1.6	4	19.0
DN100	4"	101.6	292.0	187.0	228.6	190.5	157.2	23.9	1.6	8	19.0
DN125	5"	127.0	330.0	261.0	254.0	215.9	185.7	23.9	1.6	8	22.2
DN150	6"	152.4	356.0	287.0	279.4	241.3	215.9	25.4	1.6	8	22.2
DN200	8"	203.2	495.0	316.0	342.9	298.5	269.7	28.4	1.6	8	22.2
DN250	10"	254.0	622.0	393.0	406.4	362.0	323.9	30.2	1.6	12	25.4
DN300	12"	304.8	699.0	428.0	482.6	431.8	381.0	31.8	1.6	12	25.4