

Fig no. SF-150

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



MATERIALS LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A494 Gr.M35-1
2	PLUG	ASTM B16 UNS NO.4400
4	DISC	ASTM A494 Gr.M35-1 (1-1/2" ABOVE) ASTM B16 UNS NO.4400 (1" UNDER)
5	HINGE PIN	ASTM B16 UNS NO.4400
7	DISC NUT	ASTM B16 UNS NO.4400
8	DISC WASHER	ASTM B16 UNS NO.4400
9	COVER	ASTM A494 Gr.M35-1
11	GASKET	PTFE.
25	NAME PLATE	ASTM A866-304
35	COVER STUD	ASTM A193 Gr.B8 CLASS 2
37	COVER NUT	ASTM A194 Gr.8 (HEAVY)
40	EYE BOLT	ASTM A36+Zn PLATE (5" ABOVE)
48	PIN	ASTM B16 UNS NO.4400
63	SWING ARM	ASTM A494 Gr.M35-1

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 : A494 M35-1
- Pressure testing : EN12266-1/ API 598

Specification :

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

Options :

- Gasket/ stem packing to be graphite
- Flange face smooth finished

DIMENSIONS

SIZE	PORT	L	H	φG	φJ	φI	T	F	M	φN	unit:mm
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

