

Fig no. SF-300

Size : 1/2" - 4" (DN15 - DN100)



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 wall thickness : ANSI B16.34
Face to face : ANSI B16.10 class 300
Flange dimension : ANSI B16.5 Class 300 RF
Body Material : A890 6A/ A351 CD3MWCuN
Pressure testing : EN12266-1/ API 598

Specification :

End Connection : Flange end
Working pressure : 750 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 A890 Gr.6A
2	PLUG	ASTM A479 Gr.S32750
4	DISC	ASTM A890 Gr.6A {1-1/2" ABOVE} ASTM A479 Gr.S32750 {1" UNDER}
5	HINGE PIN	ASTM A479 Gr.S32750
7	DISC NUT	ASTM A479 Gr.S32750
8	DISC WASHER	ASTM A479 Gr.S32750
9	COVER	ASTM A890 Gr.6A
11	GASKET	PTFE.
25	NAME PLATE	ASTM A666-304
35	COVER STUD	ASTM A193-B8 Class 2
37	COVER NUT	ASTM A194 Gr.8 (HEAVY)
48	PIN	ASTM A479 Gr.S32750
63	SWING ARM	ASTM A890 Gr.6A

P.S: Eye Bolt Only For 5" And Larger.

DIMENSIONS

unit:mm

CHAMBER											
SIZE	PORT	L	H	ΦG	ΦJ	ΦI	T	F	M	ΦN	
DN15	1/2"	15.0	152.4	80.0	95.3	66.5	66.5	14.2	1.6	4	15.9
DN20	3/4"	19.1	177.8	80.0	117.3	82.6	82.6	15.7	1.6	4	19.1
DN25	1"	25.4	215.9	95.5	124.0	88.9	88.9	17.5	1.6	4	19.1
DN40	1-1/2"	38.1	241.3	122.9	155.4	114.3	114.3	20.6	1.6	4	22.2
DN50	2"	50.8	266.7	142.0	165.1	127.0	127.0	22.4	1.6	8	19.1
DN65	2-1/2"	63.5	292.1	157.0	191.8	149.4	149.4	25.4	1.6	8	22.2
DN80	3"	79.0	317.5	167.9	209.6	168.1	168.1	28.4	1.6	8	22.2
DN100	4"	101.6	355.6	196.1	254.0	200.2	200.2	31.8	1.6	8	22.2
DN150	6"	152.4	444.5	296.4	317.5	269.7	269.7	36.6	1.6	12	22.2
DN200	8"	203.2	533.4	352.8	381.0	330.2	330.2	41.1	1.6	12	25.4

