

CS-25 Cast Steel Swing Check Valve Class-150, Flanged

Description

- Neta Cast Steel (ASTMA 216 Gr. WCB) Swing Check Valve Class-150
- Product Standard: BS 1868
- Bolted Cover
- Renewable Seat
- 13 % Cr. S.S.(AISI-410) Trim Flanged Ends as per ASME B16.5, Class-150 Raised Face.

Test Pressure

Body Test Pressure : 30 Bar Hyd.
Seat Test Pressure : 22 Bar Hyd.
Max. Working Temperature : 425°C

Design Features

- Steam lined full flow area is provided in body to minimize pressure drop.
- Renewable 13% Cr. S.S.(AISI-410) body seat ring and disc have at least 50HB difference in hardness.

Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided.

Application : Steam, Water, Oil

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Body	1	Cast Steel	ASTM A216 Gr. WCB
2	Hinge	1	Cast Steel	ASTM A216 Gr. WCB
3	Hinge Pin	1	S.S. 13% Cr.	ASTM A276 TP 410
4	Body Seat Ring	1	F.S.S	ASTM A182 Gr. F6a
5	Disc	1	C.S + 13% Cr.	ASTM A216 Gr. WCB + 13% Cr.
6	Cover	1	Cast Steel	ASTM A216 Gr. WCB
7	Body/ Cover Joint Stud	To Suit	Alloy Steel	ASTM A193 Gr. B7
8	Side Plug	2	S.S. 13% Cr.	ASTM A276 TP 410
9	Washer	1	S.S. 13% Cr.	ASTM A276 TP 410
10	Bolt	1	S.S. 13% Cr.	ASTM A276 TP 410
11	Body/Cover Joint Nut	1	H.T. Steel	ASTM A194 Gr. 2H
12	Gasket	1	Spiral wound S.S. 304 Graphoil Filler with inner ring	-

Dimensions

Nominal Size(mm)	A±2	B	C	D	T(min.)	H(approx.)
40	165	127	73.0	2	14.3	134
50	203	152.5	92.0	2	16.0	148
65	216	180	104.8	2	17.5	160
80	241	190	127.0	2	19.0	180
100	292	230	157.2	2	23.8	206
125	330	255	185.7	2	23.8	215
150	356	280	216.0	2	25.4	245
200	495	345	270.0	2	28.6	282



