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

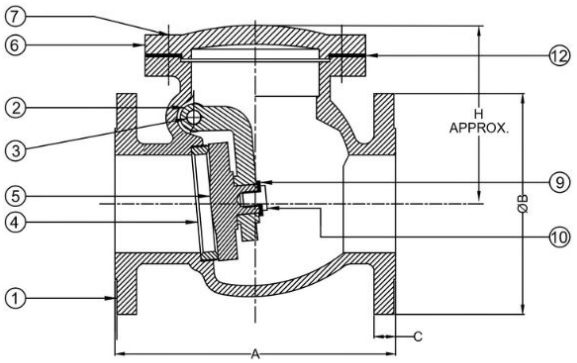
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Materials

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(min.)	H(approx.)
40	165	125	14.3	134
50	203	150	16.0	148
65	216	180	17.5	160
80	241	190	19.0	180
100	292	230	23.8	206
125	330	255	23.8	215
150	356	280	25.4	245
200	495	345	28.6	282


7
6
12
2
3
H
APPROX.
5
9
4
ØB
10
1
C
A