CS-16 Cast Steel Accessible Feed Check Valve

Description



- NETA Cast Steel (ASTM A216 Gr. WCB) Accessible Feed Check Valve without inspection branch
- Right Angle Pattern
- Outside Screw and Yoke Type
- Bolted Bonnet
- 13% Cr. Stainless Steel (ASTMA 182 Gr.F6a / AISI – 410) Trim
- Straight / Curved Inlet
- Flanged Ends to BS-10 Table 'J'

Test Pressure

Max. BOP : 350 PSIG
Max. Working Temperature : 454°C
Test Pressure : 750 PSIG Hyd.

Design Features

- Features of two types of Valves in one unit i.e. Stop Valve controlled and operated by handwheel and Back Pressure Check Valve.
- Accessibility of Check Valve which can be examined while the Boiler is under steam by closing the Stop Valve and removing the Inlet Body.
- These Valves are available with Straight or Right Angle Curved Inlet.
- Robust and sturdy construction with accurately guided discs.
- Bolted Body-Bonnet and Body-Inlet Body Joints.

Certification

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

Application : Steam, Water

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Handwheel Nut	1	M.S.	IS:1367
2	Washer	1	M.S.	IS:226
3	Handwheel	1	D.I.	ASTM A536
4	Stem	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI – 410
5	Yoke Bush	1	Aluminium Bronze	–
6	Gland Flange	1	Cast Steel	ASTM A216 Gr.WCB
7	Bonnet	1	Cast Steel	ASTM A216 Gr.WCB
8	Gland	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI – 410
9	Gland Packing	–	Flexible Graphite	–
10	Back Seat Bush	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI – 410
11	Body	1	Cast Steel	ASTM A216 Gr.WCB
12	Ball	1	S.S. 18/8% Cr./Ni	AISI – 304
13	Disc	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI – 410
14	Body Seat Ring	2	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI – 410
15	Disc Guide	1	Cast Steel	ASTM A216 Gr.WCB
16	Inlet Body	1	Cast Steel	ASTM A216 Gr.WCB
17	Check Valve Disc	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI – 410
18	Gland Nuts and Studs	2	M.S.	IS:1367
19	Studs and Nuts	To Suit	Alloy Steel / H.T.Steel	ASTM A193 Gr.B7 / ASTM A194 Gr.2H
20	Gasket	2	C.A.F.	IS:2712
21	Grub Screw	1	M.S.	IS:226

PNo.	Part	Nos.	Material	Standard
22	Drain Plug	1	M.S. / S.S. 13% Cr.	IS:226 / AISI – 410

Dimensions

Nominal Size (Inches)	Nominal Size (mm)	A ±1.5	H1	H	W
1.1/2	40	140	195	236	175
2	50	152	213	261	175
2.1/2	65	178	240	288	175
3	80	203	265	313	200

