CS-11(c) Cast Steel Blow Off Valve Flanged Ends as per ASME B16.5 Class-300 RF

Description

- NETA Cast Steel (ASTM A216 Gr. WCB) Parallel Slide Blow Off Valve
- With 13% Cr.(S.S. 410)+ Stellite Facing Working Parts
- Rack and Pinion Operated
- Flanged Ends as per ASME B16.5 Class-300 RF
- With Operating Key

Test Pressure

Max. BOP : 350 PSIG
Max. Working Temperature : 425°C
Test Pressure : 700 PSIG Hyd.

Design Features

- These Valves embody the advantage and operation of Parallel Slide Valves offering unobstructed straight through full way flow area.
- The spring sandwiched between the two discs keeps the faces in sliding contact when under zero or low pressure conditions and thus removes any dirt or foreign matter from the contact faces.
- Effective closure is achieved by the up stream pressure forcing the disc face at the outlet end against its mating body seat.
- Operating Rack and Pinion arrangement gives full opening with half a turn of the operating key.
- The pinion is provided with a stop which limits the rotary movement and eliminates straining of the tooth on rack and pinion.

Certification

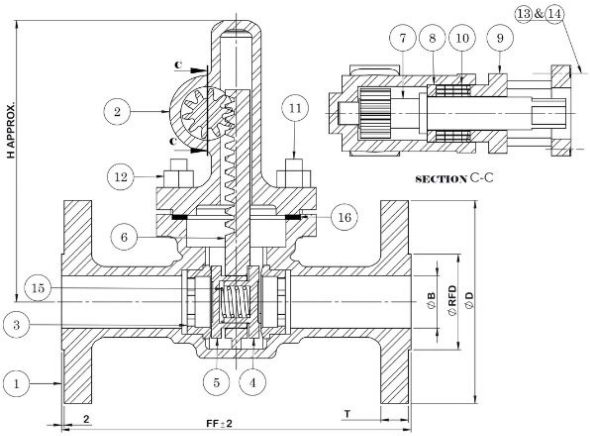
IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided.

Application : Steam, Water

HSN : 84818010

Materials

PNo.	Part	Nos.	Material	Standard
1	Body	1	Cast Steel	ASTM A216 Gr.WCB
2	Bonnet	1	Cast Steel	ASTM A216 Gr.WCB
3	Body Seat Ring	2	H.F 13% Cr. S.S	AISI 410+ST.6
4	Male Disc	1	H.F 13% Cr. S.S	AISI 410+ST.6
5	Female Disc	1	H.F 13% Cr. S.S	AISI 410+ST.6
6	Rack	1	13% Cr. S.S	ASTM A217 Gr. CA15
7	Pinion	1	13% Cr. S.S	ASTM A217 Gr. CA15
8	Stopper Disc	1	13% Cr. S.S	AISI 410
9	Gland Flange	1	Cast Steel	ASTM A216 Gr. WCB
10	Gland Packing	1 Set	Pure Graphite Braided Flexible Ring	–
11	Body/Bonnet Studs	4	M.S	IS 1367
12	Body/Bonnet Nuts	4	M.S	IS 1367
13	Gland/Bonnet Studs	2	M.S	IS 1367
14	Gland/Bonnet Nuts	4	M.S	IS 1367
15	Spring	1	Spring Steel	IBR 307
16	Gasket	1	Spiral Wound SS 304 with Graphite Filler	–

Dimensions

Nominal Size (mm)	FF	D	T	B	RFD	PCD	n	d	H
25	203	125	16	25.5	51	88.9	4	19	178
32	242	135	17.5	32	63.5	98.4	4	19	200
40	267	155	19.1	40	73	114.3	4	22.3	215
50	305	165	21	51	92	127	8	19.1	248
65	330	190	24	65	105	149.2	8	22.2	265