

CS-20 Cast Steel (ASTM A216 Gr. WCB) Piston Valve Straight Pattern, Class-150

Description

- Straight Pattern
- Class-150
- Bolted Bonnet Trim-Piston S.S.(AISI-304)
- Spindle 13% Cr. S.S. (AISI-410)
- Flanged Ends to ASME B 16.5 Class-150 Raised Face

Test Pressure

Body - 30 kg/cm²Hyd.

Seat - 22 kg/cm²Hyd.

Pneumatic Test Pressure - 7kg/cm²

Max. Operating Pressure - 20kg/cm²

Max. Operating Temperature - 425°C

Certification

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

HSN : 84818010



Materials

PNo.	Part	Nos.	Material	Standard
1	Body	1	Carbon Steel	ASTM A216 Gr.WCB
2	Sealing Ring	2	Graphite with S.S.304 Reinforced	
3	Lantern Bush	1	S.S. 13%Cr.	ASTM A276 Type S.S. 410
4	Piston	1	S.S. 13%Cr.	ASTM A276 Type S.S. 410
5	Spindle	1	S.S. 13%Cr.	ASTM A276 Type S.S. 410
6	Bonnet	1	Carbon Steel	ASTM A216 Gr.WCB
7	Belleville Washer	8	Spring Steel	50Cr V4/ASTM 240 Gr. 302
8	Nut	4	H.T. Steel	ASTM A194 Gr. 2H
9	Stud	4	Alloy Steel	ASTM A193 Gr. B7
10	Handwheel	1	S.G. Iron	ASTM A536
11	Handwheel Washer	1	M.S.	IS:1367
12	Stem Nut	1	H.T. Steel	ASTM A194 Gr. 2H

Dimensions

Nominal Size (mm)	A±2	H (Closed)	W (App.)
25	127	142	116
40	165	193	150
50	203	223	200
65	216	330	250
80	241	330	300
100	292	412	300
150	406	495	400

