

**FORGED STEEL**

## **HORIZONTAL LIFT CHECK VALVE**

**DESIGNED TO WORK  
UNDER VARIED CONDITIONS**

### **DESCRIPTION :**

'WJ' Forged Steel Horizontal Lift Check Valve to BS-5352-1981 CI-800 Bolted Bonnet, 13% SS (AISI-410) trim, plug type disc screwed female ends to BSP Taper Threads.

Body Tested 207 Bar Gauge Hyd.

Seat Tested 152 Bar Gauge Hyd.

These valves are manufactured in standard bore as well as reduced bore design.

### **SALIENT FEATURES :**

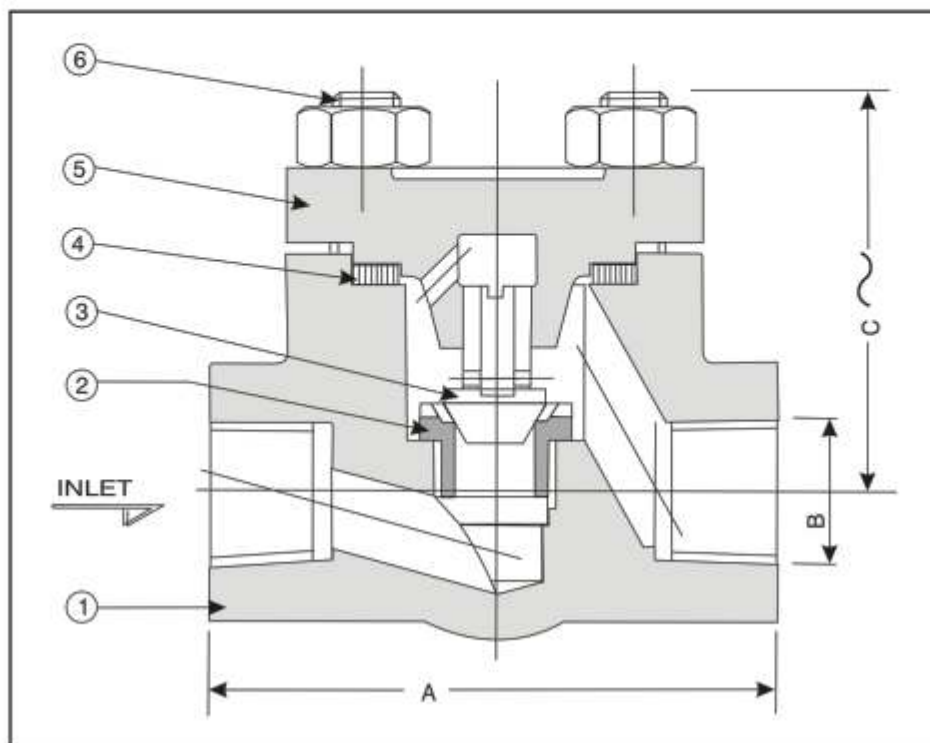
Renewable 13% Cr. SS (AISI-410) Body Seat Ring and disc have atleast 50 HB difference in hardness.

### **TESTING AND CERTIFICATION :**

Each Valve is tested hydraulically at the Specified Pressure. These Valves are supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.

NOTE : These Valves can also be supplied with Socket weld ends.





Nominal Size	DIMENSIONS					
	STANDARD BORE			REDUCE BORE		
	A	B	C	A	B	C
10 mm (3/8")	80	3/8" BSPT	60	----	----	----
15 mm (1/2")	86	1/2" BSPT	60	80	1/2" BSPT	60
20 mm (3/4")	100	3/4" BSPT	73	86	3/4" BSPT	60
25 mm (1")	125	1" BSPT	85	100	1" BSPT	73
32 mm (1 1/4")	145	1 1/4" BSPT	100	125	1 1/4" BSPT	85
40 mm (1 1/2")	170	1 1/2" BSPT	120	145	1 1/2" BSPT	100
50 mm (2")	----	----	----	170	2" BSPT	120

MATERIALS			
PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Body	Forged Steel	ASTM A-105
2.	Body Seat Ring	S.S.	AISI-410
3.	Valve Disc	S.S.	AISI-410
4.	Gasket	S.S. Type 304 Spiralwound Asbestos Filler	----
5.	Bonnet	Forged Steel	ASTM A-105
6.	Studs and Nuts	Alloy Steel / H.T. Steel	ASTM A-193 B7 / ASTM A-194 2H