



PRESSURE BRAND FORGED STEEL HORIZONTAL LIFT CHECK VALVE REDUCED BORE, CLASS 800, SCREWED AND SOCKET

PRODUCT DESCRIPTION

- **Product** : 'PRESSURE' Forged Steel Horizontal Lift Check Valve
- **Product Standard** : BS 5352 / API 602
- **Pressure / Class / Rating** : Class 800
- **Body Material cum Standard** : FCS (A105)
- **Description** : Bolted Cover
- **Type of Seat** : Renewable Seat Type of Disc : Renewable Disc
- **Trim** : SS AISI-410
- **Fastener** : Alloy Steel (Gr.B7/2H)
- **Gasket** : Spiral Wound SS-304 (CAF/Graphite filled)
- **End Details** : Screwed Female Ends to BSPT / NPT / Socket Welded to ANSI B16.11.

HSN 84813000

APPLICATION

Water Oil Steam

TESTING & CERTIFICATION

- **Shell (Hydrostatic)** : 211kg cm²
- **Seat & Back Seat(Hydrostatic)** : 141
- **Seat (Pneumatic)** : 7kg cm²
- **Maximum Working Temperature** : 425°C



SIZES / DIMENSIONS

Size (Inches)	Size (mm)	A ±1.5	B	C ~	ØD ~	E	H
1/2	15	85	9.5	9	21.7	90	54
3/4	20	92	12.7	12.0	27.2	90	63
1	25	104	12.7	17.5	33.8	90	77
1 1/2	40	127	12.7	28	48.6	150	98
2	50	140	15	33	61.1	150	105

Notes : 1. Product images are for illustration purposes only. Actual product may vary.

2. Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order

Reg. Office : 9, Amar Asha Society, Nr. Ramvadi Bus Stop, Isanpur, Ahmedabad-382443. Gujarat, India. **Ph.** : +91 7490034801, 9824334801

Factory & Correspondence Address : 16, Ambica Industrial Estate, Nr. Vatva Railway Over Bridge, Vatva, Ahmedabad-382440, Gujarat, India.

Ph. : +91 8320479614, 6354226326 **E-mail** : info@pressurevalves.in, marketing@pressurevalves.in **Web** : www.pressurevalves.in

Approved by



MANUFACTURER OF INDUSTRIAL VALVES AND GEARS



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MATERIALS

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Forged Carbon Steel/ Forged Alloy Steel/ Forged Stainless Steel	ASTM A 105/F11/F22 /F304/F316	1
2	Body Seat Ring	Stainless Steel	ASTM A276 Type 410 /304/316 / ASTM A 182 Gr. F6a	1
3	Plug/Disk (Solid)	Stainless Steel	ASTM A217 Gr. CA 15	1
4	Cover	Forged Carbon Steel/ Forged Alloy Steel/ Forged Stainless Steel	ASTM A 105/F11/F22 /F304/F316	1
5	Gasket	Spiral Wound S.S (Type 316) Graphite Filled	----	1
6	Body Cover Joint Stud	Alloy Steel	ASTM A 193 Gr. B7	4 4
7	Nut	Alloy Steel	ASTM A194 Gr. 2H	4
8	Identification Plate	Aluminium	ASTM A 276 Type 410	1
9	Check Nut	Stainless Steel	---	

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WE RESERVE THE RIGHT TO CHANGE DESIGN & TECHNICAL DATA FURNISHED HERE DUE TO CONTINUOUS PRODUCT DEVELOPMENT

P.NO.	PART NAME	MATERIAL
1	BODY	FORGED A105
2	SEAT	13% Cr. SS
3	PLUG	A 182 F6
4	GASKET	SS 304 SPIRAL WOUND WITH GRAPHOL FILLER
5	COVER	A 105
6	COVER BOLT	A 193 Gr. B7

SIZE	A	B	ØC	ØD	H
15	85	9.5	9	21.7	64
20	92	12.7	12.0	27.2	63
25	104	12.7	17.5	33.8	77
40	127	12.7	28	48.6	98
50	140	16.0	33	61.1	105

ENGINEERING DATA	
DESIGN CODE	BS 5382 / API 802
END CONNECTION	SCREWED / SOCKET / BUTT WELD END
INSPECTION & TESTING	API 598

HYDRO TEST: 800#	
BODY	211 KG/CM ²
SEAT	141 KG/CM ²

DRN.: B.M.P	
CHK.: V.G.P	
APRD.: S.K.P	
DATE: 01.04.19	
SCALE: NTS	FORGED STEEL LIFT CHECK VALVE SOCKET & SCREWED ENDS 800#
DRG NO.: pvp/FS/ICV/800/15-50	

ALL DIMENSIONS ARE IN MM

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