



PRESSURE BRAND FORGED STEEL HORIZONTAL LIFT CHECK VALVE REDUCED BORE, CLASS 1500, SOCKET WELD

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 and Welded
- **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

TEST PRESSURE :

- **Shell (Hydrostatic)** : 392 kg cm²
- **Seat & Back Seat(Hydrostatic)** : 287
- **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	92	9.5	9	21.7	90	63
3/4	20	104	12.7	12.0	27.2	90	77
1	25	127	12.7	17.5	33.8	90	98
1 1/2	40	140	12.7	28	48.6	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



PRESSURE BRAND FORGED STEEL HORIZONTAL LIFT CHECK VALVE REDUCED BORE, CLASS 1500, SOCKET WELD

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	A 105
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
NB	92	9.5	9	21.7	63
15	104	12.7	12.0	27.2	77
25	127	12.7	17.5	33.8	98
40	140	12.7	28	48.6	105

ENGINEERING DATA	
DESIGN CODE	BS 5382 / API 602
END CONNECTION	SCREWED / SOCKET / BUTT WELD END
INSPECTION & TESTING	API 598

HYDRO TEST: 1500#	
BODY	392 KG/CM ²
SEAT	287 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:1500# <small>DRG NO. : pvp/ISL/CV/1500/15-40</small>

ALL DIMENSIONS ARE IN MM.

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