



## PRESSURE BRAND FORGED STEEL HORIZONTAL LIFT CHECK VALVE REDUCED BORE, CLASS 2500, 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)
- **End Details** : Ends to Socket Weld to ANSI B

### TEST PRESSURE :

- **Shell (Hydrostatic)** : 652 kg / cm<sup>2</sup>
- **Seat & Back Seat(Hydrostatic)** : 478 kg / cm<sup>2</sup>
- **Seat (Pneumatic)** : 7kg cm<sup>2</sup>
- **Maximum Working Temperature** : 425°C

HSN 84813000

### APPLICATION

Water	Oil	Steam
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### SIZES / DIMENSIONS

Size (Inches)	Size (mm)	A ±1.5	B	C ~	ØD ~	E	H
1/2	15	104	9.5	9.0	21.7	90	77
3/4	20	127	12.7	12	27.2	150	98
1	25	140	12.7	17.5	33.8	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.

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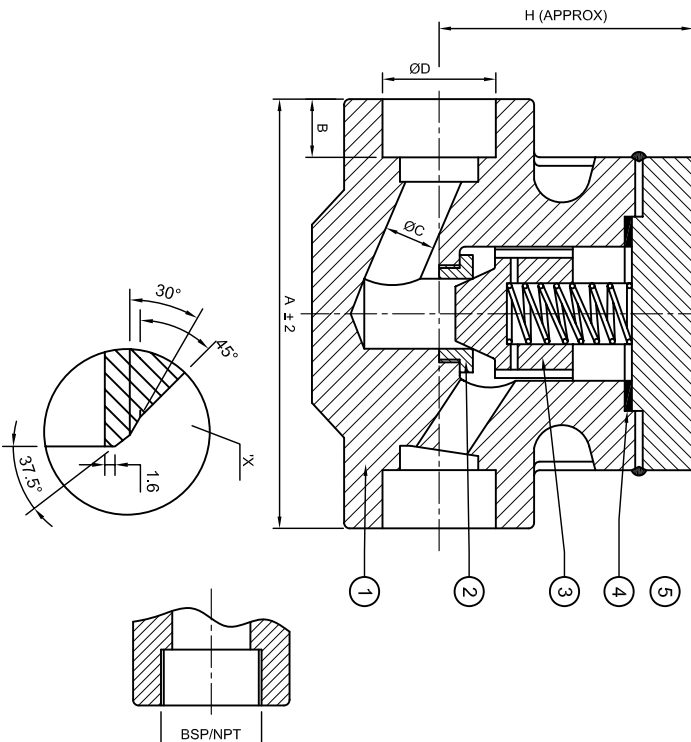
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WE RESERVE THE RIGHT TO CHANGE DESIGN & TECHNICAL DATA FURNISHED HERE DUE TO CONTINUOUS PRODUCT DEVELOPMENT




P.NO.	PART NAME	MATERIAL
1	BODY	A 105
2	SEAT	13% Cr. SS
3	PLUG	A 182 FB
4	GASKET	SS 304 SPIRAL WOUND WITH GRAPHIOL FILLER
5	COVER	A 105

SIZE NB	A	B	ØC	ØD	H
15	104	9.5	9	21.7	77
20	127	12.7	12.0	27.2	98
25	140	12.7	17.5	33.8	105

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

HYDRO TEST: 2500#	
BODY	SEAT

DRN. : B.M.P	
CHK. : V.G.P	
APPRD. : S.K.P	
DATE: 01.04.19	
SCALE : NTS	

FORGED STEEL LIFT CHECK VALVE
SOCKET & SCREWED ENDS 2500#
DRG NO. : NO/FS/ICV/2500/15-40

ALL DIMENSIONS ARE IN MM.

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