

1076A Forged Steel (A 105) Horizontal Lift Check Valve Class-800 (Full Bore)

I.B.R.

Salient Features

- Design Standard API 602 / BSEN ISO 15761 (BS 5352).
- Body and Cover are Phosphated, to ensure maximum protection from rust.
- Bolted Cover.
- Screwed Female Ends to BSPT / NPT / Socket Welded to ANSI B16.11.

Test Pressure (Hydrostatic) :
Shell : 207 bar (3000 psig)
Seat : 152 bar (2200 psig)
Maximum Working Temperature : 425°C

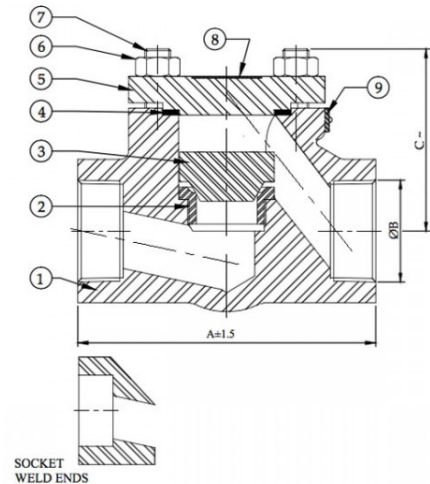
Suitable For

Steam, Water, Oil



Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Forged Carbon Steel	ASTM A 105	1
2	Body Seat Ring	Stainless Steel	ASTM A 276 Type 410 / ASTM A182 Gr. F6a	1
3	Disc	Stainless Steel	ASTM A 276 Type 410	1
4	Gasket	Spiral Wound (Type 316) Graphite Filled	---	1
5	Cover	Forged Carbon Steel	ASTM A 105	1
6	Stud	Alloy Steel	ASTM A 193 Gr. B7	4
7	Nut	Alloy Steel	ASTM A 194 Gr. 2H	4
8	Identification Plate	Aluminium	---	1
9	API Name Plate	Stainless Steel	ASTM A 240 Type 304	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~
3/8	10	80	3/8"	61
1/2	15	86	1/2"	61
3/4	20	98	3/4"	76
1	25	130	1"	87
1 1/4	32	140	1 1/4"	105
1 1/2	40	164	1 1/2"	105