

Forged Steel Check Valve



Our Forged range of Gate, Globe and Check Valves incorporates state of the art design features to provide a rugged construction, reliable operation and long life; suitable for all the segments of the process industries including petrochemicals, pharma, steel, alumina, power plants and common utilities.

Applications

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| <ul style="list-style-type: none"> • Steam Service • Oil & Gas • Petrochemicals • Power Plants • Chemical Fertilizers • Sugar & Distillation | <ul style="list-style-type: none"> • Metal & Mining • Paper & Pulp • Water & Waste Water • Textile & Tannery • Food & Pharmaceuticals |
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Special Features:

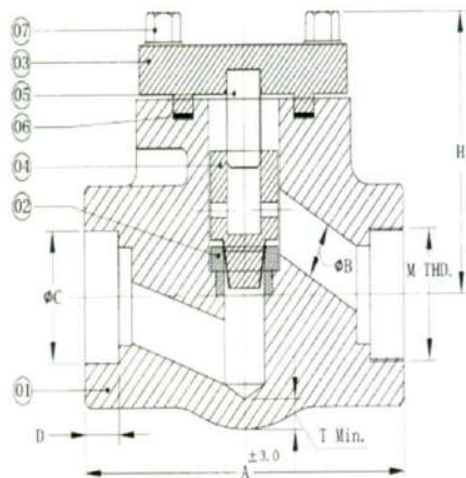
1. Body and Bonnet made from High Quality Forging
2. The Forgings are precision machined for high performance
3. Leak Proof Body-Bonnet Joint with Spiral Wound Gasket.
4. Piston-type body guide Disc. Perfect alignment of Disc & Seat Ring
5. Ground Finish Stem. Self-Aligning two-piece gland.
6. Compact design but extremely sturdy design for High Pressure and High Temperature service. Bolted cover design easy to cover

Technical Data

- Design Std: ISO 15761/API 602/BS 5352/ASME B16.34
- Testing Standard: API 598
- Face to Face Standard: Manufacturer's Standard
- Socket Weld Standard: ASME B16.11
- Screwed End Standard: ASME B1.20.1
- Butt Weld Standard: ASME B16.25
- Flange End Standard: ASME B16.5

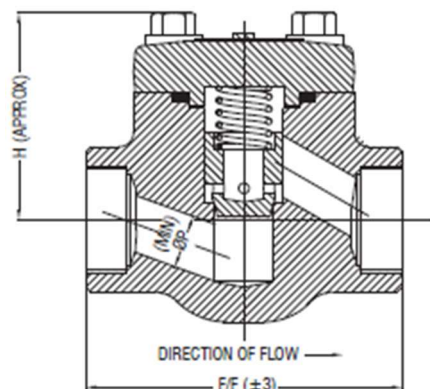
Check Valve Cracking Pressure

Size	Piston Type	Y Pattern Piston Type
	Spring Loaded	Spring Loaded
15mm	0.7 Bar	0.7 Bar
20mm	0.7 Bar	0.7 Bar
25mm	0.7 Bar	0.7 Bar
40mm	0.7 Bar	0.7 Bar
50mm	0.7 Bar	0.7 Bar



Part No.	DESCRIPTION	MATERIAL
01	BODY	ASTM A105
02	SEAT RING	AISI 410 + STELLITED
03	COVER	ASTM A105
04	PLUG	ANSI 410 + STELLITED
05	GUIDE STEM	ANSI 410
06	GASKET	SPIRAL GRAFOIL
07	HEX. BOLT	ASTM A 193 Gr. B7
08	NAME PLATE	STAINLESS STEEL

DIMENSION DETAILS (MM)

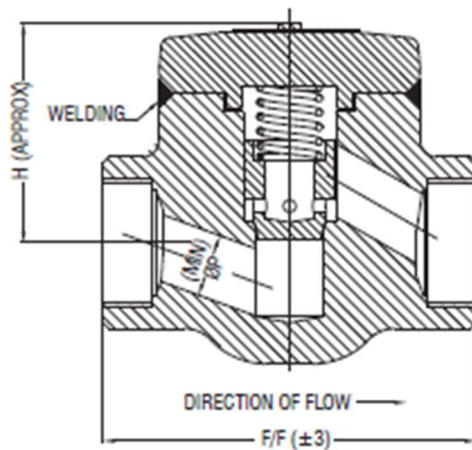


BOLTED DESIGN

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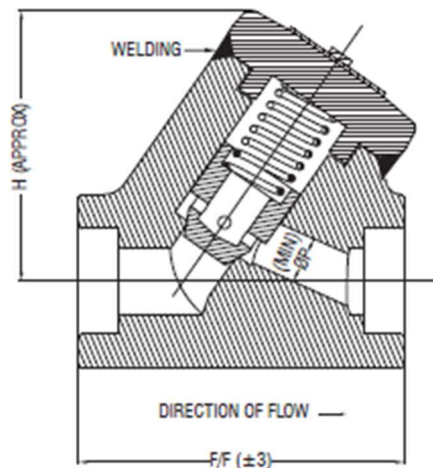
1500#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1- 1/4")	40mm (1- 1/2")	50mm (2")
F/F	80	100	145	145	160	172
ΦP	8.5	9.5	14.5	20.5	25.5	36.5
H	53	56	66	86	86	104
Approx. Weight (kg)	1.2	2	4.8	4.6	7.2	10.5

* In process of continuous improvement of products, the data given herein is subject to change.



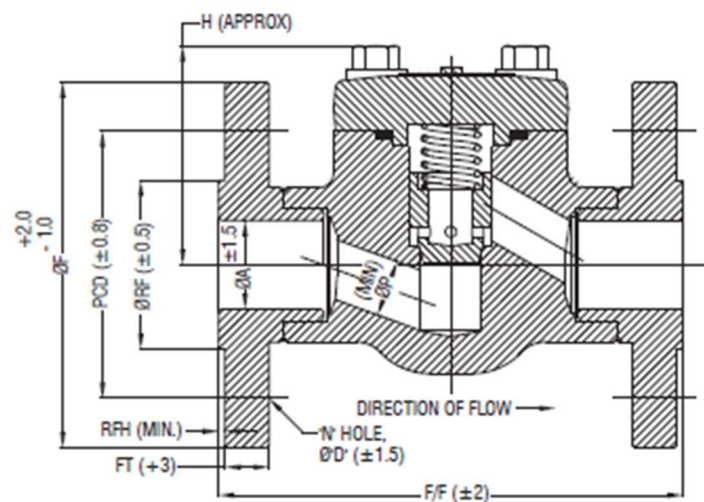
WELDED DESIGN

2500#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
F/F (mm)	100	145	160	172	172	-
ΦP (mm)	7	12.5	15.5	21.5	26.5	-
H (mm)	66	86	104	127	127	-
Approx. Weight (kg)	2	4.6	7.2	10.6	10.6	-
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Y TYPE WELDED DESIGN

2500#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
F/F(mm)	85	100	105	145	145	145
ΦP(mm)	7	12.5	15.5	21.5	26.5	27
H (mm)	72	80	86	118	118	124
Approx. Weight (kg)	1.3	2.1	2.8	7.1	7	9.5
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FLANGE END DESIGN



VTZ VALVES AND AUTOMATION

(An ISO 9001:2015 Certified Company)

150#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
F/F	108	117	127	140	165	203
ΦP	9.5	12.7	17.5	23.8	28.6	36.5
ΦA	15.7	20.9	26.7	35	40.9	52.5
ΦF	90	100	110	115	125	150
FT	9.6	11.2	12.7	14.3	15.9	17.5
ΦRF	34.9	42.9	50.8	63.5	73	92.1
RFH	1.7	1.7	1.7	1.7	1.7	1.7
PCD	60.3	69.9	79.4	88.9	98.4	120.7
Approx Weight (Kg)	1.7	1.9	3.6	3.8	7.4	11.6

*Flange End Valve also available in #300, #600 & Above Class on Request.

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AUTHORISED DEALER: RAJ INDUSTRIAL STORES

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