



VTZ VALVES AND AUTOMATION

(An ISO 9001:2015 Certified Company)





VTZ VALVES AND AUTOMATION

Manufacturer of all Kinds of Industrial Valves

Forged Steel Globe 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.

Special Features:

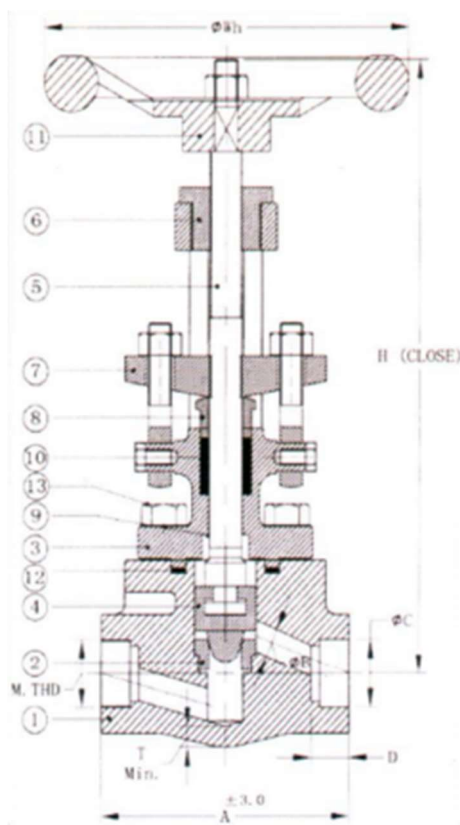
1. Body and Bonnet made from High Quality Forging
2. The Forgings are precision machined for high performance
3. Leak Proof Body-Bonnet Joint with Spiral Wound Gasket.
4. Ground Finish Stem. Self-Aligning two-piece gland.
5. Back seating feature facilities repacking of the stuffing box on line with the valve in fully open position.

Applications

- | | |
|---|--|
| <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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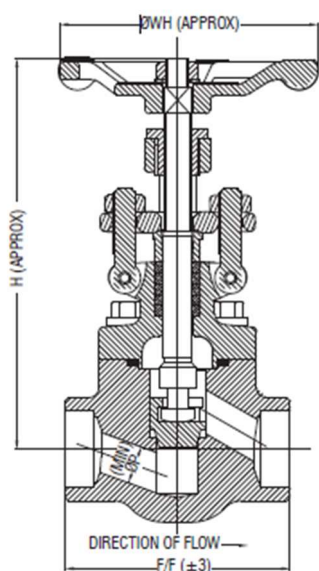
Technical Data

- 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: ASMBE B1.20.1
- Butt Weld Standard: ASME B16.25
- Flange End Standard: ASME B16.5



Part No.	DESCRIPTION	MATERIAL
01	BODY	ASTM A105
02	SEAT RING	AISI 410 + STELLITED
03	BONNET	ASTM A105
04	PLUG	ANSI 410 + STELLITED
05	STEM	ANSI 410 + (HARDENED)
06	YOKE NUT	EN 1A / CARBON STEEL
07	GLAND FLANGE	ASTM A105 / CARBON STEEL
08	GLAND BUSH	ANSI 410
09	BACK SEAT	INTEGRAL (STELLITED)
10	GLAND PACKING	GRAFOIL
11	HAND WHEEL	ASTM A105
12	GASKET	SPIRAL GRAFOIL
13	HEX. BOLT	ASTM A 193 Gr. B7

DIMENSION DETAILS (MM)



BOLTED DESIGN

800#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
F/F	73	80	100	145	145	160
ΦP	9.5	12.7	17.5	23.8	28.6	36.5
H OPEN	159	162	191	228	228	265
H CLOSE	143	146	171	199	199	236
ΦWh	86	86	116	150	150	150
Approx. Weight (kg)	1.6	1.8	3.1	6.3	6.6	9.4

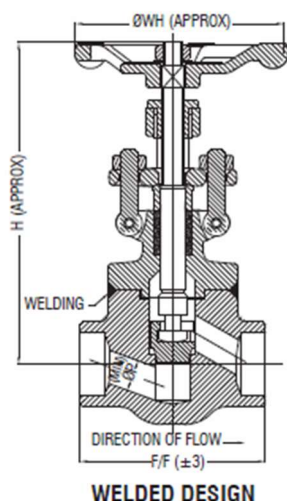
* In process of continuous improvement of products, the data given herein is subject to change.

DIMENSION DETAILS (MM)

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	27.5
H OPEN	160	174	224	224	239	318
H CLOSE	148	187	204	204	261	290
ΦWh	86	116	150	150	150	225
Approx. Weight (kg)	1.9	3.1	6.6	6.5	10	15

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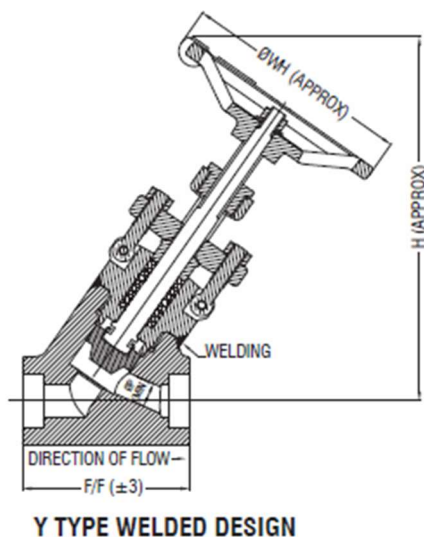
DIMENSION DETAILS (MM)



2500#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
F/F	100	145	160	172	172	-
ΦP	7	12.5	15.5	21.5	26.5	-
H OPEN	178	227	256	303	303	-
H CLOSE	162	207	224	263	263	-
ΦWh	116	150	150	225	225	-
Approx. Weight (kg)	3.1	6.5	10	15.1	15	-

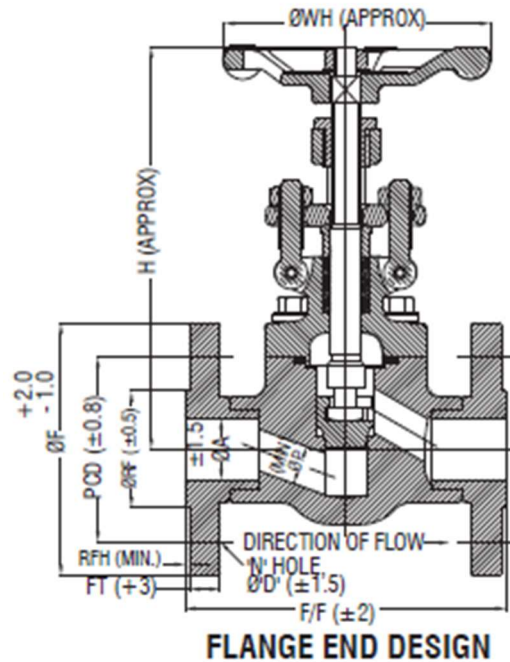
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DIMENSION DETAILS (MM)



2500#	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")
F/F	85	100	105	145	145	145
ΦP	7	12.5	15.5	21.5	26.5	27
H OPEN	180	222	231	324	324	345
H CLOSE	175	212	219	309	309	330
ΦWh	116	150	150	225	225	225
Approx. Weight (kg)	2.5	4	4.6	13.1	13	15

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DIMENSION DETAILS (MM)

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)	2.3	2.9	4.6	8.6	8.5	14

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

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