

Forged Steel Globe Valves, Bonnetless

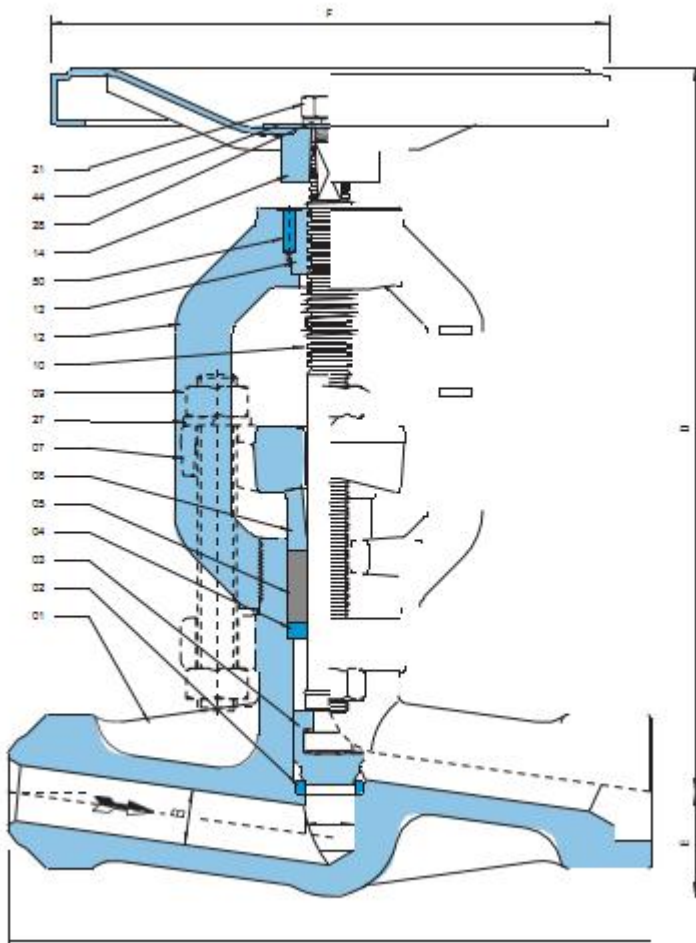


ASME Class 1500 / 2500 (4500)
API Class 6.000 PSI (10.000 PSI)
DIN Class PN 160 - PN 640

Standards

Design: ASME B16.34 - BS-EN 15761 - DIN 3840 - EN 12516
Butt Welding Ends: ASME B16.25 - DIN-EN 9692-1 - EN 12627
Socket Welding Ends: ASME B16.11 - EN 12760
Other Ends Connections: API Or NPT Female Threads / Clamp Connectors / Flanged RTJ or RF
End-to-end Dimensions: Manufacturer's Standard (Flanged Valves Acc. The Relevant Standard)
Pressure Testing: ASME B16.34 - API 598 - DIN 3230 - EN 12266

Materials



- 01 Body: Various (see Below)
- 02 Seat: Stellite
- 03 Disc: Stellite
- 04 Loose Backseat: AISI 304
- 05 Stem: Packing Graphite
- 07 Gland Flange: Carbon Steel
- 08 Gland: AISI 304
- 09 Gland Bolt/Nut: ASTM A193 B7/ASTM A194 2H
- 10 Stem: 17 Cr (see Below)
- 12 Yoke: Carbon Steel
- 13 Yoke Sleeve: Aluminium-bronze
- 14 Handwheel: Carbon Steel
- 21 Nut: Steel Zinc Plated
- 27 Spring Washer: Steel Zinc Plated
- 28 Spring Washer: Steel Zinc Plated
- 44 Nameplate: Aluminium
- 50 Pin: Hardened Steel

Features

Design Construction: Integral Bonnet (bonnetless) And Loose Backseat

Seat Ring: High Temperature Vacuum Brazed In Seat Ring With Thickness > 5 Mm (1/5")

Options Screw-down Non-return Valve And/or Angle Pattern With 75 Mm (<_ 1") / 125 Mm (<_ 2")
Center-to-end

Operation: Optional Non-rotating One-piece Stem/disc For Electric Or Pneumatic Actuator (fig 02.1)

accessories Limit Switches - Locking Device - Position Indicator - Live Loaded Gland (others On Request)

Materials Body: SA105n (1.0460) - SA182-f12 (13crmo4.5) - SA182-f22 (10crmo9.10) - SA182-f91 (1.4903)
(others On Request)

Trim: 17Cr (1.4122) / Stellite - F316 (1.4401) / Stellite - 431 (1.4057) (others On Request)

Stem: Packing Graphite With Integral Or Stainless Steel Reinforced Anti Extrusion Rings

Main Dimensions In MM(Inch)

NOM. SIZE	A	B	C	D	E	F	Cv	WEIGHT KG
10 (3/8")	11 (0.43)	7 (0.28)	210 (8.27)	220 (8.66)	25 (0.98)	150 (5.91)	1.3	3.9 (8.6 LB)
15 (1/2")	11 (0.43)	11 (0.43)	210 (8.27)	220 (8.66)	25 (0.98)	150 (5.91)	2.5	3.8 (8.4 LB)
20 (3/4")	18 (0.71)	16 (0.63)	230 (9.06)	278 (10.94)	38 (1.50)	200 (7.87)	6.2	7.4 (16.3 LB)
25 (1")	18 (0.71)	20 (0.79)	230 (9.06)	278 (10.94)	38 (1.50)	200 (7.87)	6.8	7.2 (15.9 LB)
32 (1-1/4")	36 (1.42)	30 (1.18)	300 (11.81)	450 (17.72)	72 (2.83)	350 (13.78)	23.6	31.0 (68.3 LB)
40 (1-1/2")	36 (1.42)	30 (1.18)	300 (11.81)	450 (17.72)	72 (2.83)	350 (13.78)	23.6	31.0 (68.3 LB)
50 (2")	36 (1.42)	40 (1.57)	300 (11.81)	450 (17.72)	72 (2.83)	350 (13.78)	31.0	29.5 (65.0 LB)

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