**FEATURES**

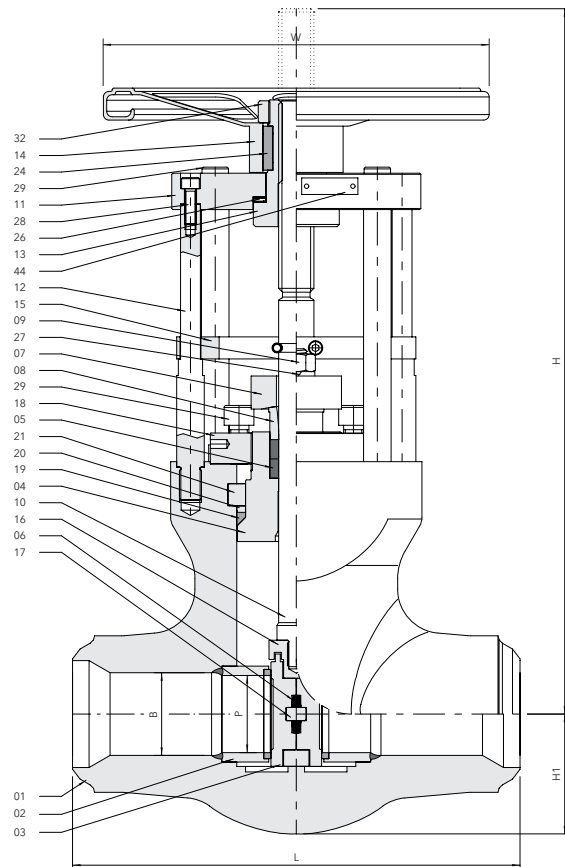
Body	Forged Steel, Short Pattern
Construction	Pressure Seal Bonnet - Integral Backseat
Design	ASME B16.34 - API 600 - BS-EN 10434 - EN 12516
Pressure Testing	ASME B16.34 - API 598 - ISO 5208 - MSS SP-61 - EN 12266
End Connections	Buttwelding
Operation	Handwheel - Gearbox - Electric or Pneumatic Actuator
Options	Auxiliary Connections and/or Protection Against Fluid Thermal Expansion
Accessories	Limit Switches - Locking Device - Stem Cover
Body	SA105N - SA182-F22 - SA182-F91 - SA182-F92 - SA182-F316(L) (others on request)
EN-materials	1.0460 - 10CrMo9.10 - 1.4903 - 1.4901 - 1.4404

ASME CLASS:  
**1500 - 2500**

EN CLASS:  
**PN 160 - PN 500**

**MATERIALS**

01. Body	(S) A105N (see above)
02. Seat Ring	A106 + Stellite #12
03. Parallel Disc	Stellite #6
04. Bonnet	A105
05. Stem Packing	Graphite/316 (GNHD)
06. Spring	Inconel 750
07. Gland Flange	42CrMo4
08. Gland	AISI 304
09. Gland Bolt / Nut	A193-B7 / A194-2H
10. Stem	17 CR / 1.4122
11. Topflange	Carbon Steel
12. Yoke Bar	17 CR / 1.4122
13. Yoke Sleeve	Aluminium-Bronze
14. Handwheel	Carbon Steel
15. Guiding-Plate	Carbon Steel
16. Disc Holder	A182-F316
17. Disc Pin	A182-F316
18. Retaining Plate	C22.8
19. Gasket	Graphite / 316
20. Thrust Ring	A182-F316
21. Segmental Ring	1.4923
24. Parallel Key	Stainless Steel
26. Needle Bearing	-
27. Spring Washer	Steel Zinc Plated
28. Bolt	Steel Zinc Plated
29. Bolt	Steel Zinc Plated
32. Thin Nut	Steel Zinc Plated
44. Nameplate	Stainless Steel

**MAIN DIMENSIONS IN MM (INCH)**

NOM. SIZE	CLASS	P	B	L	H	H1	W	CV	WEIGHT KG
65 (2-1/2")	2250	52 (2.05)	55 (2.17)	305 (12.0)	575 (22.6)	93 (3.7)	350 (13.8)	228	82 (181 LB)
80 (3")	2250	62 (2.44)	65 (2.56)	305 (12.0)	568 (22.3)	93 (3.7)	350 (13.8)	325	76 (168 LB)
100 (4")	2250	80 (3.15)	85 (3.35)	406 (16.0)	645 (25.4)	109 (4.3)	350 (13.8)	545	115 (254 LB)
65 (2-1/2")	2500	52 (2.05)	55 (2.17)	305 (12.0)	575 (22.6)	93 (3.7)	350 (13.8)	228	82 (181 LB)
80 (3")	2500	52 (2.05)	55 (2.17)	305 (12.0)	563 (22.2)	93 (3.7)	350 (13.8)	228	82 (181 LB)
100 (4")	2500	70 (2.76)	75 (2.95)	406 (16.0)	640 (25.2)	109 (4.3)	350 (13.8)	412	122 (269 LB)