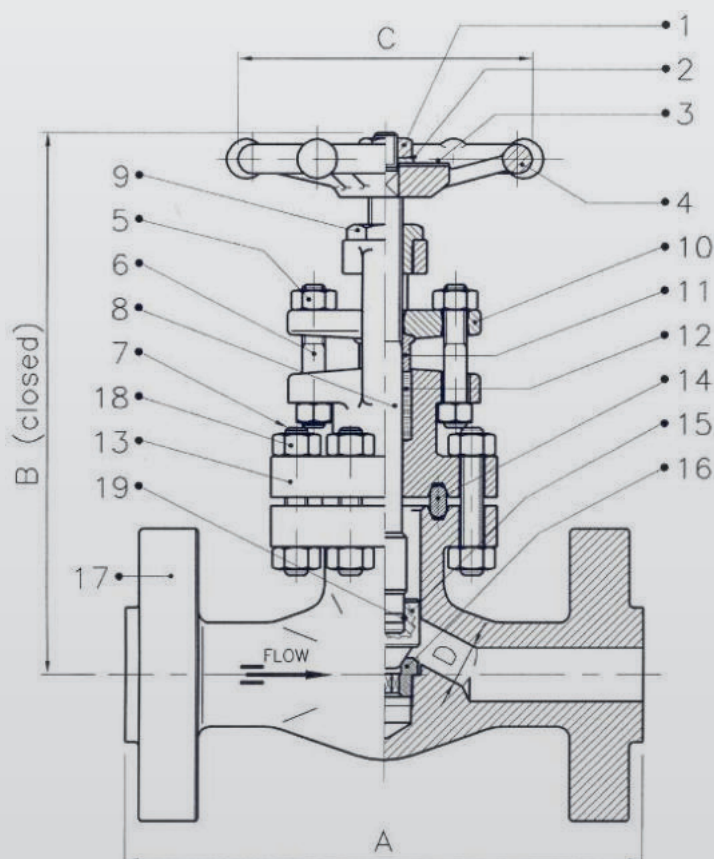


FORGED GLOBE VALVES FLANGED ENDS



1500-2500 Lbs

BASIC DESIGN STANDARDS

Basic Design	ISO 15761
Wall Thickness / Pressure /	According to ANSI B16.34
Temperature	
Ends Type	RF according to ANSI
Dimensions	B 16.34 /
Bore	Full

TEST PRESSURE TO API 598 bar

Rating	Shell (water)	Seat (water)	Seat (air)
1500	382	280	6.0
2500	637	467	6.0

BILL OF MATERIALS STANDARD ACCORDING TO ASTM

No	Part Name	Carbon Steel A105/F6	API TRIM 12 A105/SS316 HF	Stainless Steel SS316
01	Handwheel Nut	Carbon Steel	Carbon Steel	A194 Gr.8
02	Washer	Carbon Steel	Carbon Steel	A194 Gr.8
03	Name Plate	Aluminium	Aluminium	INOX
04	Handwheel	Carbon Steel	Carbon Steel	Carbon Steel + Rislan
05	Gland Nuts	A194 Gr. 2H	A194 Gr. 2H	A194 Gr.8
06	Gland Studs	AISI 410	AISI 410	A193 B8M
07	Bolts B/B	A193 B7	A193 B7	A193 B8
08	Stem	A479 TP410	A479 TP316L	A479 TP316L
09	Yoke Sleeve	AISI 416	AISI 416	AISI 416
10	Gland Flange	ASTM A105N	ASTM A105N	ASTM A316
11	Packing Gland	A479 TP316	A479 TP316	A479 TP316L
12*	Packing	Graphoil	Graphoil	Graphoil
13	Bonnet	ASTM A105N	ASTM A105N	ASTM A182 F316L
14*	Gasket B/B	F316 + Graphoil	F316 + Graphoil	F316 + Graphoil
15	Disc	A479 TP410	A479 TP316L + HF	A479 TP316L
16	Seat Ring	A479 TP410	A479 TP316L + HF	A479 TP316L
17	Body	ASTM A105N	ASTM A105N	ASTM A182 F316L
18	Nuts B/B	A194 Gr. 2H	A194 Gr. 2H	A194 Gr.8
19	Wire Joint	ASTM A182 F316L	ASTM A182 F316L	ASTM A182 F316L

* Recommended Spare Parts

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FORGED GLOBE VALVES FLANGED ENDS

SIZE (Full Bore)		1500# RF/RJ/BW - DIMENSION in mm				
Inches	mm	A (RF/BW/RJ)	B	C	D	Kg (HANDWHEEL)
1/2"	15	216	225	120	11	10
3/4"	20	229	270	140	14.5	15
1"	25	254	285	140	19	17
1-1/2"	40	305	400	170	31	36
2"	50	368	420	260	37.5	55

SIZE (Full Bore)		2500# RF/RJ/BW - DIMENSION in mm				
Inches	mm	A (RF/BW/RJ)	B	C	D	Kg (HANDWHEEL)
1/2"	15	264	270	120	11	14
3/4"	20	273	275	120	14	15
1"	25	308	290	140	19	28
1-1/2"	40	384	400	260	28	50
2"	50	451	480	260	35	75

ANSI CLASS 150 - 300 - 600 - 1500		PRESSURE - TEMPERATURE RATINGS TO ANSI B16.34			
Temperature ° C		WORKING PRESSURE (bar.g)			
		ASTM A105N (a)		ASTM A182 SS316 (c)	
		1500#	2500#	1500#	2500#
-29 to 38		255.5	425.5	248.3	413.8
93		232.8	387.9	213.4	355.9
149		226.2	377.2	192.8	321.4
204		218.6	364.1	177.2	295.2
260		206.6	344.1	164.8	274.5
316		188.6	314.5	155.5	259.3
343		185.2	308.6	153.1	255.2
371		183.8	306.2	149.7	249.7
399		173.8	289.7	147.2	245.5
427		142.1	236.6	145.5	242.8
454		92.4	153.8	144.1	240.0
482		59.3	98.6	143.1	238.6
510		35.5	59.3	133.1	222.1
538		17.9	29.7	120.7	201.0
566		-	-	118.6	197.6
593		-	-	105.2	175.5
621		-	-	81.7	135.9
649		-	-	63.8	106.6
677		-	-	50.7	84.8
704		-	-	40.3	66.9
732		-	-	33.1	55.2
760		-	-	25.2	43.4
788		-	-	20.0	33.4
816		-	-	14.1	23.8

(a) Permissible, but not recommended for prolonged usage above 427 °C
 (b) Permissible, but not recommended for prolonged usage above 594 °C
 (c) For welding end valves only: Flanged end ratings terminate at 538°C

MADE IN ITALY



CE PED 2014/68/EU

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