

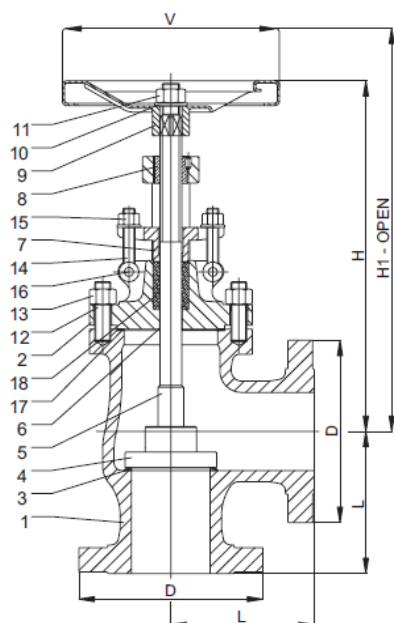


Globe valves

90° Angle

8/907

PN 16 - 100



Maximum pressure under the disc

DN	80	100	125	150	200	250	300	350	400	450	500	600
Δp bar	85	60	35	21	14	9	6	5	4	3	2,8	2,2

If higher, valve to be mounted with gear operator or with pressure above the disc and fitted with external or internal by pass.

• Description:

- Bolted bonnet
- Outside screw and yoke
- Rising stem
- Rising handwheel
- Loose disc

• Design:

- DIN 3352
- DIN 3840

• Face to face:

- DIN 3202

• Flanges:

- DIN 2501
- DIN 2547
- DIN 2526 Form E
- BW to DIN 3239

• Testing:

- DIN 3352 Part 1
- DIN 3230 Part 3

• Rating:

- DIN 2401

• Marking:

- EN 19
- CE -PED

• Certificates:

- EN 10204-3.1B



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	Part Name	Set 1 - (Cast Iron)	Set 2	Set 3
1	Body	EN-GJL250	1.0619 (A)	1.4581
2	Bonnet	EN-GJL250	1.0619 (B)	1.4581
3	Seat surface	X20Cr13 (1)	X20Cr13 (1) overlay	X5CrNiMo17-12-2(1)
4	Disc seat surface	X20Cr13 (1)	X20Cr13 (1)	X5CrNiMo17-12-2(1)
5	Stem	X20Cr13 (2)	X20Cr13 (2)	X5CrNiMo17-12-2(2)
6	Back seat (integral)	EN-GJL250	1.0619 (B)	1.4581
7	Gland	1.0460	1.0460	X5CrNiMo17-12-2
8	Yoke sleeve	N/A	MS58 (3)	MS58 (3)
9	Handwheel	Steel	Steel	Steel
10	Plate	1.0460	1.0460	1.0460
11	Handwheel nut	1.0460	1.0460	X5CrNiMo17-12-2
12	Bolts	CK35	CK35	A2-70
13	Nuts	C35	C35	A2-70
14	Eye bolts	CK35	CK35	A2-70
15	Nuts	C35	C35	A2-70
16	Eye bolt pin	CK35	CK35	A2-70
17	Gasket	S.S. reinforced graphite(4)	S.S. reinforced graphite(4)	S.S. reinforced graphite(4)
18	Packing	Graphiterings & wiper rings (4)	Graphiterings & wiper rings (4)	Graphiterings & wiper rings (4)

(1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials

(2) On request: 17 Cr - Monel® - Hastelloy® - other materials

(3) On request: GGG50

(4) On request: PTFE - other materials

(A) For PN ≤ 40 and DN ≤ 25 = 1.0460

For PN ≥ 63 and DN ≤ 25 = 1.0460

(B) For PN ≤ 40 and DN ≤ 80 = 1.0460

For PN ≥ 63 and DN ≤ 40 = 1.0460



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GLOBE VALVES - 90° ANGLE - DIN PN 16 - CAST IRON - F32

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L RF	90	95	100	105	115	125	145	155	175	200	225	250	275	325	375	425	475	500	575	675
D	95	105	115	140	150	165	185	200	220	250	285	315	340	405	460	520	580	640	715	840
V	100	100	125	125	150	150	200	200	225	225	300	300	400	500	500	600	600	700	700	800
H	160	165	190	200	225	260	280	320	375	415	460	550	570	750	900	1040	1290	1400	1600	-
H1	164	170	197	208	235	273	297	340	400	447	498	594	620	813	975	1128	1390	1513	1725	-

GLOBE VALVES - 90° ANGLE - DIN PN 25 / 40 - F32

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L RF	90	95	100	105	115	125	145	155	175	200	225	250	275	325	375	425	475	500	575	675
D PN25	95	105	115	140	150	165	185	200	235	270	300	330	360	425	485	555	620	670	730	845
D PN40	95	105	115	140	150	165	185	200	235	270	300	350	375	450	515	580	660	685	755	890
V	100	100	125	125	150	150	200	200	225	225	300	300	400	500	500	600	600	700	700	800
H	160	165	190	200	225	260	280	320	375	415	460	550	570	750	900	1040	1290	1400	1600	-
H1	164	170	197	208	235	273	297	340	400	447	498	594	620	813	975	1128	1390	1513	1725	-

GLOBE VALVES - 90° ANGLE - DIN PN 63 - F33

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	500	600
L RF/BW	105	105	115	130	130	150	170	190	215	250	275	300	325	390	450	515	575	700	-
D	105	130	140	155	170	180	205	215	250	295	345	375	415	470	530	600	670	800	930
V	150	150	150	200	200	200	225	250	300	400	500	500	600	700	700	800	800	1000	1200
H	250	310	310	330	350	380	410	460	490	550	610	700	750	800	930	-	-	-	-
H1	254	315	317	338	360	393	427	480	515	582	648	744	800	863	1005	-	-	-	-



Globe valves

90° Angle

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PN 16 - 100

GLOBE VALVES - 90° ANGLE - DIN PN 100 - F33															
Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300
L RF/BW	105	105	115	130	130	150	170	190	215	250	275	300	325	390	450
D	105	130	140	155	170	195	220	230	265	315	355	385	430	505	585
V	150	150	150	200	200	200	225	250	300	400	500	500	600	700	700
H	250	310	310	330	350	400	480	510	580	600	630	720	780	830	970
H1	254	315	317	338	360	413	497	530	605	632	668	764	830	893	1045

Features on request:

- Top flange to ISO 5210
- Gear operator
- Chain wheel operator
- Pneumatic actuator
- Hydraulic actuator
- Electric Actuator
- Position indicator
- Limit switches
- Locking / interlock system
- PTFE soft seats
- Stem protection / extension
- Regulating disc
- Double stage disc
- Stop check disc
- Live loaded packing
- Drain plug
- BW ends
- ANSI connections