

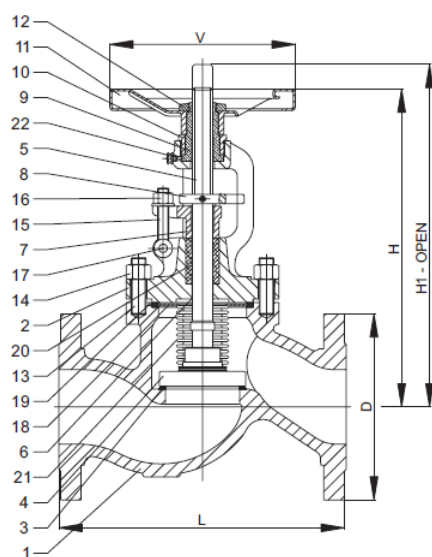


Bellow globe valve

Straight way pattern

8/234

PN 16 - 100



Maximum pressure under the disc												
DN	80	100	125	150	200	250	300	350	400	450	500	600
Δ p 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
 - Non rising handwheel
- 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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Pos.	Part Name	Set 1 - (Cast Iron)	Set 2	Set 3
1	Body	EN-GJS-400-18-LT	1.0619 ^(A)	1.4581
2	Bonnet	EN-GJS-400-18-LT	1.0619 ^(B)	1.4581
3	Seat surface	X20Cr13 ⁽¹⁾	X20Cr13 ⁽¹⁾ overlay	1.4581 ⁽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-GJS-400-18-LT	1.0619 ^(B)	1.4581
7	Gland	1.0460	1.0460	X5CrNiMo17-12-2
8	No rot. device	X20Cr13	X20Cr13	X5CrNiMo17-12-2
9	Yoke sleeve	N/A	MS58 ⁽³⁾	MS58 ⁽³⁾
10	Yoke nut	1.0460	1.0460	X5CrNiMo17-12-2
11	Handwheel	Steel	Steel	Steel
12	Handwheel nut	1.0460	1.0460	X5CrNiMo17-12-2
13	Bolts	CK35	CK35	A2-70
14	Nuts	C35	C35	A2-70
15	Eye bolts	CK35	CK35	A2-70
16	Nuts	C35	C35	A2-70
17	Eye bolt pin	CK35	CK35	A2-70
18	Bellow flange	X6CrNiTi18-10	X6CrNiTi18-10	X6CrNiTi18-10
19	Gasket	S.S. reinforced graphite ⁽⁴⁾	S.S. reinforced graphite ⁽⁴⁾	S.S. reinforced graphite ⁽⁴⁾
20	Packing	Graphite rings & woper rings ⁽⁴⁾	Graphite rings & woper rings ⁽⁴⁾	Graphite rings & woper rings ⁽⁴⁾
21	Bellow	X6CrNiTi18-10	X6CrNiTi18-10	X6CrNiTi18-10
22	Grease nipple	Steel	Steel	Steel

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 ≤ 50 = 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



Bellow globe valve

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PN 16 - 100

Globe valves bellow seal - DIN PN 16 / 25 - Nodular iron - F1

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L	130	150	160	180	200	230	290	310	350	400	480	550	600	730	850	980	1100	1200	1250	1450
RF																				
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	180	190	210	250	290	340	380	450	500	570	650	770	840	950	1100	1250	1500	1650	1850	-
H1	184	195	217	258	300	353	397	470	525	602	688	814	890	1013	1175	1338	1600	1763	1975	-

Globe valves bellow seal - DIN PN 25 / 40 - F1

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	450	500	600
L	130	150	160	180	200	230	290	310	350	400	480	550	600	730	850	980	1100	1200	1250	1450
RF																				
D	95	105	115	140	150	165	185	200	235	270	300	330	360	425	485	555	620	670	730	845
PN25																				
D	95	105	115	140	150	165	185	200	235	270	300	350	375	450	515	580	660	685	755	890
PN40																				
V	100	100	125	125	150	150	200	200	225	225	300	300	400	500	500	600	600	700	700	800
H	210	220	220	220	240	270	310	350	400	460	510	600	630	810	950	1100	1350	1460	1660	-
H1	214	225	227	228	250	283	327	370	425	492	548	594	680	813	925	1088	1300	1513	1725	-

Globe valves bellow seal - DIN PN 63 - F2

Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300	350	400	500	600
L	210	230	230	260	260	300	340	380	430	500	550	600	650	775	900	1025	1150	1400	1600
RF/BW																			
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	300	360	360	380	400	430	460	510	540	610	670	760	810	860	990	-	-	-	-
H1	304	365	367	388	410	443	477	530	565	642	708	804	860	923	1065	-	-	-	-



Bellow globe valve

Straight way pattern

8/234

PN 16 - 100

Globe valves bellow seal - DIN PN 100 - F2															
Size DN	15	20	25	32	40	50	65	80	100	125	150	175	200	250	300
L RF/BW	210	230	230	260	260	300	340	380	430	500	550	600	650	775	900
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	300	360	360	380	400	450	530	560	630	660	690	780	840	890	1030
H1	304	365	367	388	410	463	547	580	655	692	728	824	890	953	1105

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