GLOBE VALVE
FIG. 5240XV

GENERAL FEATURES:

- globe valve in cast steel
- rising stem
- working pressure 40 bar, temperature -10°C ~ 400°C
- flanges PN 40 according to EN 1092-1



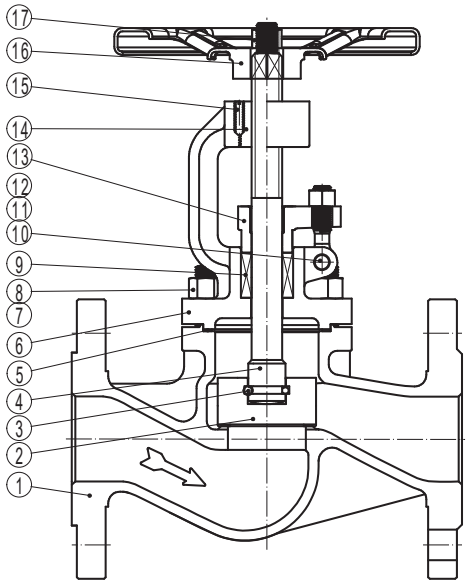
CE

DESIGN STANDARDS	
Flanges	EN 1092-1/B1
Face to face dimensions	EN 558-1
Marking	CE-PED
TESTS AND CERTIFICATES	
Quality Assurance	2014/68/EU
Pressure testing	EN 12266
Other	EN 13709

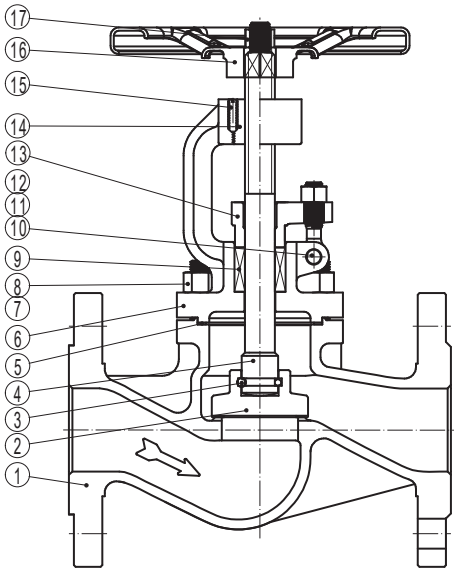
Subject to changes

GLOBE VALVE
FIG. 5240XV - Materials

DN 15 - DN 25



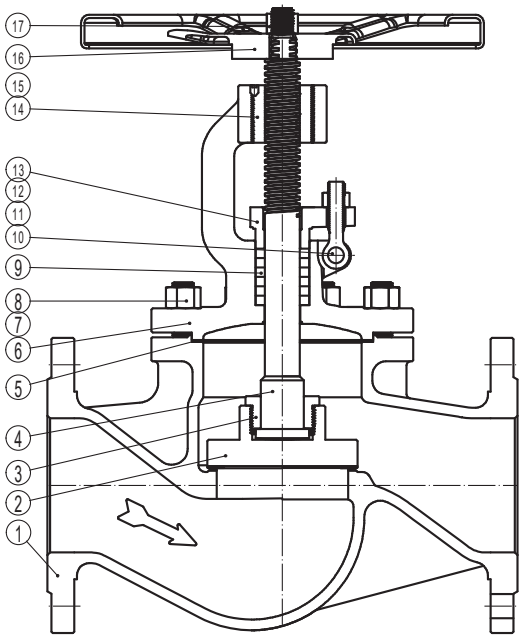
DN 32 - DN 50



Item	Description	Materials
1	Body	1.0619 (13Cr face)
2	Disc	13Cr
3	Ball bearing	Stainless steel
4	Stem	1.4021
5	Gasket	Graphite + stainless steel 304
6	Bonnet	1.0619
7	Bonnet bolt	A193-B7
8	Bonnet nut	A194-2H
9	Packing	Graphite
10	Shaft	Carbon steel
11	Gland eyebolt	A193-B7
12	Gland nut	A194-2H
13	Gland	A105
14	Stem nut	GGG40.3
15	Lock screw	Carbon steel
16	Handwheel	Carbon steel
17	Lock screw	Stainless steel

Subject to changes

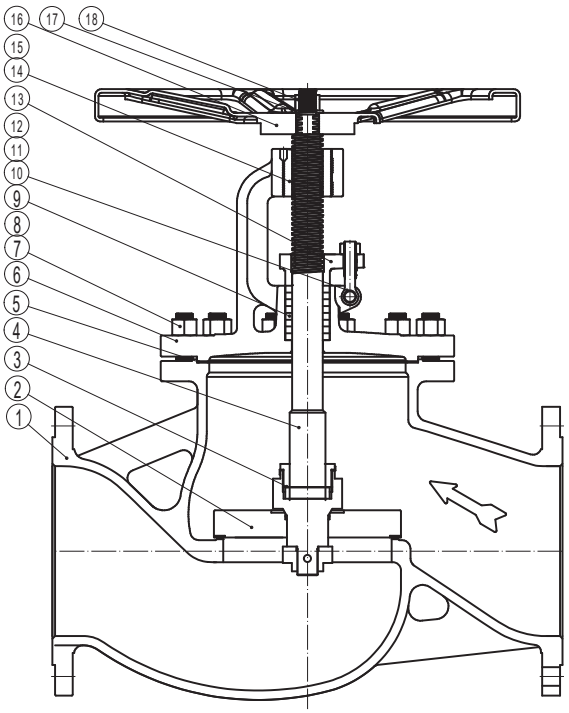
DN 65 - DN 150



Item	Description	Materials
1	Body	1.0619 (13Cr face)
2	Disc	A 105 (13Cr face)
3	Disc screw	Carbon steel
4	Stem	1.4021
5	Gasket	Graphite + stainless steel 304
6	Bonnet	1.0619
7	Bonnet bolt	A193-B7
8	Bonnet nut	A194-2H
9	Packing	Graphite
10	Shaft	Carbon steel
11	Gland eyebolt	A193-B7
12	Gland nut	A194-2H
13	Gland	1.0619
14	Yoke nut	GGG40.3
15	Lock screw	Carbon steel
16	Handwheel	Carbon steel
17	Lock screw	Stainless steel

Subject to changes

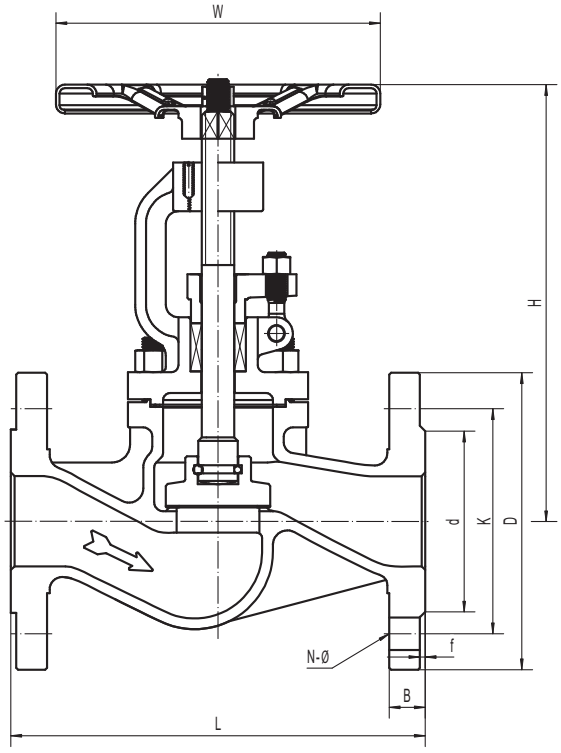
DN 200 - DN 400



Item	Description	Materials
1	Body	1.0619 (13Cr face)
2	Guidance disc	A 105 (13Cr face)
3	Balance disc	A 105 (13Cr face)
4	Stem	1.4021
5	Gasket	Graphite + stainless steel 304
6	Bonnet	1.0619
7	Bonnet nut	A194-2H
8	Bonnet bolt	A193-B7
9	Packing	Graphite
10	Nut	A194-2H
11	Gland eyebolt	A193-B7
12	Pin	Carbon steel
13	Gland	A105
14	Stem nut	GGG40.3
15	Lock screw	Carbon steel
16	Handwheel	Carbon steel
17	Washer	Carbon steel
18	Lock screw	Stainless steel

Subject to changes

GLOBE VALVE
FIG. 5240XV - Dimensions

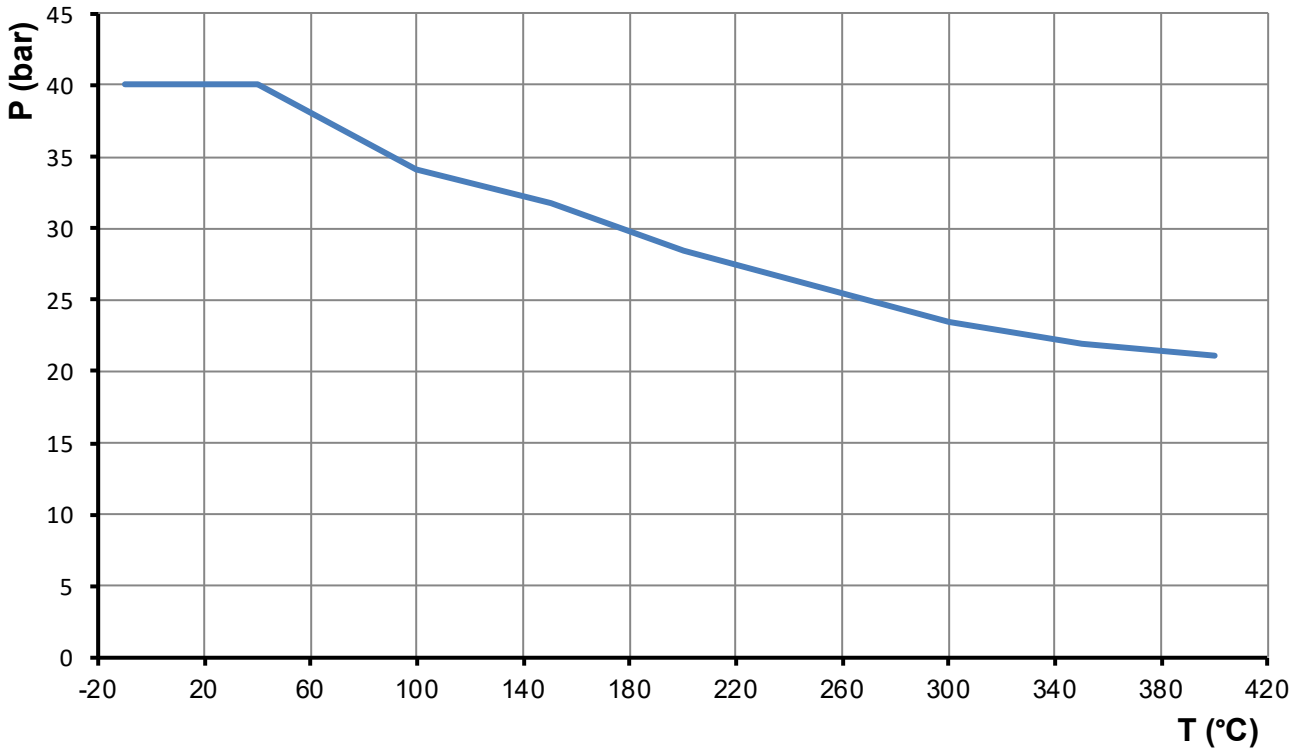


DIMENSIONS: (mm)

DN	L	D	K	d	B	f	H	W	Kg
15	130	95	65	45	16	2	176	140	3,8
20	150	105	75	58	18		185	140	4,5
25	160	115	85	68	18		200	160	5,9
32	180	140	100	78	18		200	160	7,3
40	200	150	110	88	18	3	233	180	8,2
50	230	165	125	102	20		245	180	12,3
65	290	185	145	122	22		275	180	19,7
80	310	200	160	138	24		305	200	27,2
100	350	235	190	162	24		340	250	38,6
125	400	270	220	188	26		420	350	59,5
150	480	300	250	218	28		475	400	84,5
200	600	375	320	285	34		560	500	159,0
250	730	450	385	345	38		665	500	265,0
300	850	515	450	410	42	4	740	500	375,0
350	980	580	510	465	46		830	600	535,0
400	1100	660	585	535	50		900	600	825,0

Subject to changes

PRESSURE-TEMPERATURE CHART:



Kv VALUE: (in m³/h)

DN	Kv
15	4,8
20	8,0
25	13,2
32	21,0
40	33,0
50	51,0
65	83,0
80	133,0
100	205,0
125	315,0
150	454,0
200	780,0
250	1285,0
300	1805,0
350	2225,0
400	2906,0

Subject to changes