

DN 15 - 50			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

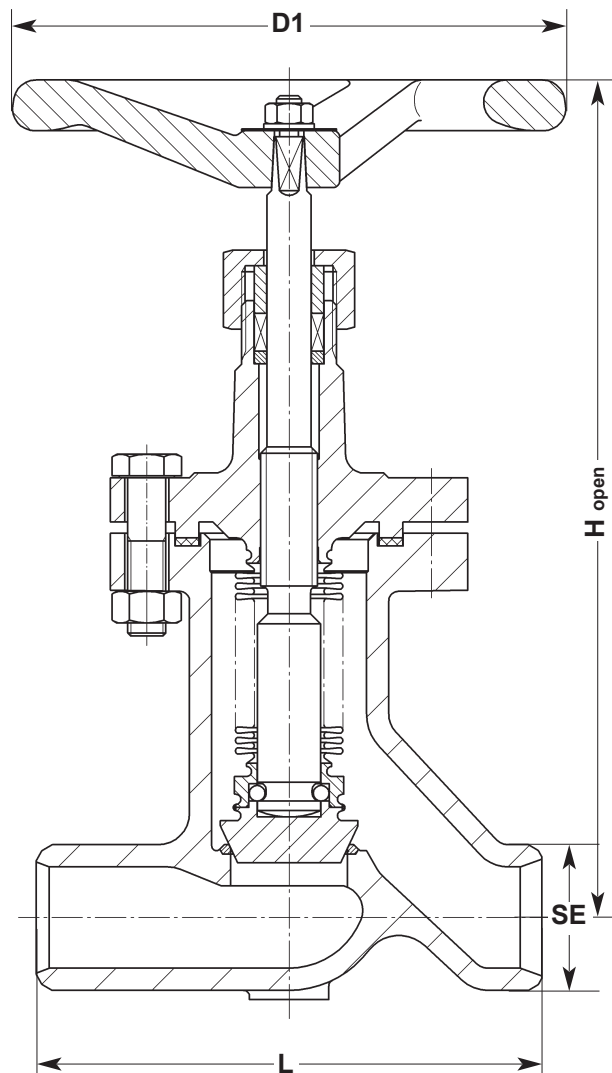
Permissible working pressure acc. EN 1092 - Part 1
Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 12982

### Available on request :

Special corrosion resistant materials for:  
 Complete valve - Bellows - Trim  
 Soft sealing and regulating disc  
 Welded bonnet  
 Heating jacket

**Detailed information and more alternatives are given in the appendix.**

Component	Material		
	C.S.	S.S.	Low temp.
	11.9-G-SE	11.9-G-SE-A4	11.9-G-SE-TT
Body	1.0619/1.0460	1.4408/1.4571	1.1138/1.0488
Body seat	1.4370	Stellite 21	1.4370
Bonnet	1.0619	1.4408	1.1138
Disc	1.4021	1.4571	1.4571
Disc surface	1.4021	Stellite 6	Stellite 6
Bellows	1.4571	1.4571	1.4571
Bonnet gasket	1.4571/graphite		
Bolts	A2/70	A2/70	A2/70
Nuts	A2/70	A2/70	A2/70
Gland packing	Pure graphite		
Gland	1.4305	1.4305	1.4305
Cap nut	1.0718	1.4305	1.4305
Stem	1.4021	1.4571	1.4571
Handwheel	0.6020	0.6020	0.6020



DN	SE [mm]	L [mm]	H <sub>open</sub> [mm]	D1 [mm]	G [kg]
15	21,3*2,0	130	225	150	6
20	26,9*2,3	130	225	150	6
25	33,7*2,6	130	225	150	6
32	42,4*2,6	160	285	175	8
40	48,3*2,6	180	290	175	8
50	60,3*3,2	210	300	200	12

Bellows sealed globe valve, straight type, with buttwelding ends acc. EN 12627; enclosed bonnet assembly with roll-formed stem screw thread and burnished shaft. Multiplewall liquid contacted bellows made of stainless steel, with anti torque device, tested for 10.000 cycles, metal back seat, safety stuffing box packing made of pure graphite, grooved bonnet gasket made of stainless steel 1.4571 with a coating of pure graphite on both sides, housed in a tongue and grooved flange.

**Carbon steel:** Body made of cast/forged material 1.0619/1.0460, seat hardfaced with stainless steel 1.4370, disc with conical plug made of chrome steel 1.4021.

**Stainless steel:** Body made of cast/forged material 1.4408/1.4571, seat hardfaced with stellite 21, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

**Low temperature steel:** Body made of cast/forged material 1.1138/1.0488, seat hardfaced with stainless steel 1.4370, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

DN 65 - 125			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

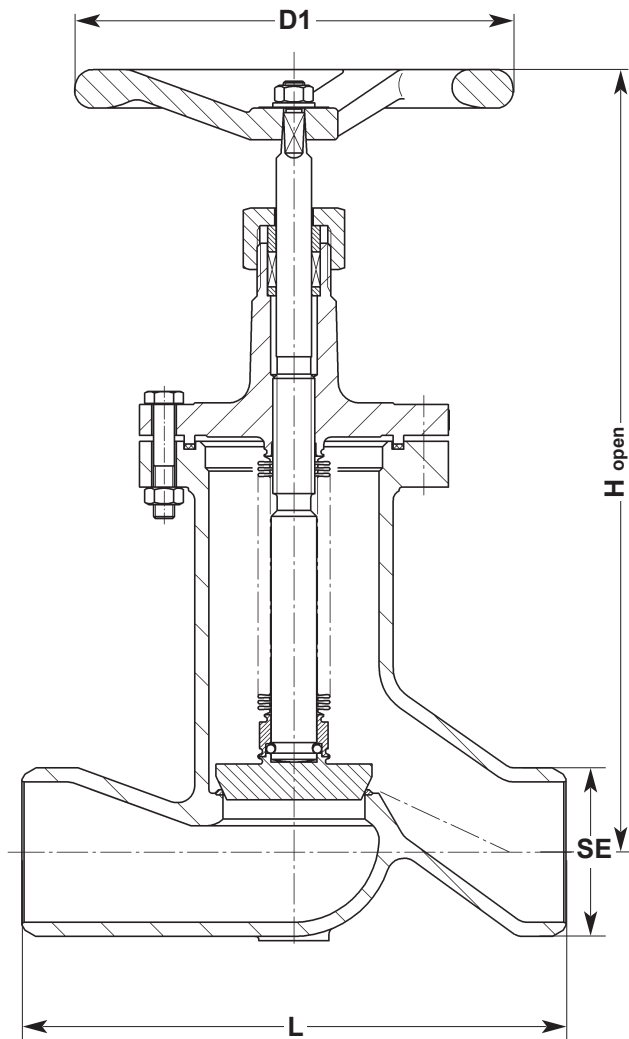
Permissible working pressure acc. EN 1092 - Part 1
Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 12982

**Available on request :**

- Special corrosion resistant materials for:
- Complete valve - Bellows - Trim
- Soft sealing and regulating disc
- Welded bonnet
- Heating jacket

**Detailed information and more alternatives are given in the appendix.**

Component	Material		
	C.S.	S.S.	Low temp.
	11.9-G-SE	11.9-G-SE-A4	11.9-G-SE-TT
Body	1.0619	1.4408	1.1138
Body seat	1.4370	Stellite 21	1.4370
Bonnet	1.0619	1.4408	1.1138
Disc	1.4021	1.4571	1.4571
Disc surface	1.4021	Stellite 6	Stellite 6
Bellows	1.4571	1.4571	1.4571
Bonnet gasket	1.4571/graphite		
Bolts	A2/70	A2/70	A2/70
Nuts	A2/70	A2/70	A2/70
Gland packing	Pure graphite		
Gland	1.4305	1.4305	1.4305
Cap nut	1.0718	1.4305	1.4305
Stem	1.4021	1.4571	1.4571
Handwheel	0.6020	0.6020	0.6020



DN	SE [mm]	L [mm]	H <sub>open</sub> [mm]	D1 [mm]	G [kg]
65	76,1* 3,6	290	355	200	16
80	88,9* 4,0	310	485	250	28
100	114,3* 5,0	350	485	300	36
125	139,7* 4,5	400	485	300	68

Bellows sealed globe valve, straight type, with buttwelding ends acc. EN 12627; enclosed bonnet assembly with roll-formed stem screw thread and burnished shaft. Multiplewall liquid contacted bellows made of stainless steel, with anti torque device, tested for 10.000 cycles, metal back seat, safety stuffing box packing made of pure graphite, grooved bonnet gasket made of stainless steel 1.4571 with a coating of pure graphite on both sides, housed in a tongue and grooved flange.

**Carbon steel:** Body made of cast material 1.0619, seat hardfaced with stainless steel 1.4370, disc with conical plug made of chrome steel 1.4021.

**Stainless steel:** Body made of cast material 1.4408, seat hardfaced with stellite 21, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

**Low temperature steel:** Body made of cast material 1.1138, seat hardfaced with stainless steel 1.4370, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

DN 15 - 50			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

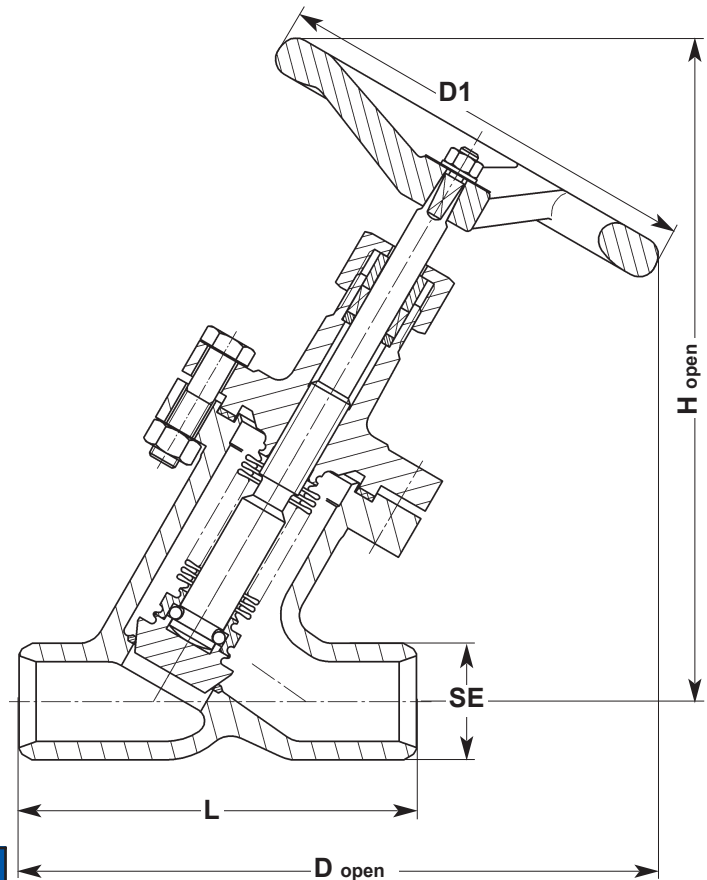
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Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 12982

**Available on request :**

- Special corrosion resistant materials for:
- Complete valve - Bellows - Trim
- Soft sealing and regulating disc
- Welded bonnet
- Heating jacket

**Detailed information and more alternatives are given in the appendix.**

Component	Material		
	C.S.	S.S.	Low temp.
	11.9-S-SE	11.9-S-SE-A4	11.9-S-SE-TT
Body	1.0619/1.0460	1.4408/1.4571	1.1138/1.0488
Body seat	1.4370	Stellite 21	1.4370
Bonnet	1.0619	1.4408	1.1138
Disc	1.4021	1.4571	1.4571
Disc surface	1.4021	Stellite 6	Stellite 6
Bellows	1.4571	1.4571	1.4571
Gasket	1.4571/graphite		
Bolts	A2/70	A2/70	A2/70
Nuts	A2/70	A2/70	A2/70
Gland packing	Pure graphite		
Gland	1.4305	1.4305	1.4305
Cap nut	1.0718	1.4305	1.4305
Stem	1.4021	1.4571	1.4571
Handwheel	0.6020	0.6020	0.6020



DN	SE [mm]	L [mm]	D <sub>open</sub> [mm]	H <sub>open</sub> [mm]	D1 [mm]	G [kg]
15	21,3*2,0	130	215	230	150	5
20	26,9*2,3	130	215	230	150	5
25	33,7*2,6	130	215	230	150	5
32	42,4*2,6	160	270	285	175	7
40	48,3*2,6	180	265	285	175	7
50	60,3*3,2	210	305	310	200	11

Bellows sealed globe valve, y- type, with butt welding ends acc. EN 12627; enclosed bonnet assembly with roll-formed stem screw thread and burnished shaft. Multiplewall liquid contacted bellows made of stainless steel, with anti torque device, tested for 10.000 cycles, metal back seat, safety stuffing box packing made of pure graphite, grooved bonnet gasket made of stainless steel 1.4571 with a coating of pure graphite on both sides, housed in a tongue and grooved flange.

**Carbon steel:** Body made of cast/forged material 1.0619/1.0460, seat hardfaced with stainless steel 1.4370, disc with conical plug made of chrome steel 1.4021.

**Stainless steel:** Body made of cast/forged material 1.4408/1.4571, seat hardfaced with stellite 21, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

**Low temperature steel:** Body made of cast/forged material 1.1138/1.0488, seat hardfaced with stainless steel 1.4370, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

DN 65 - 125			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

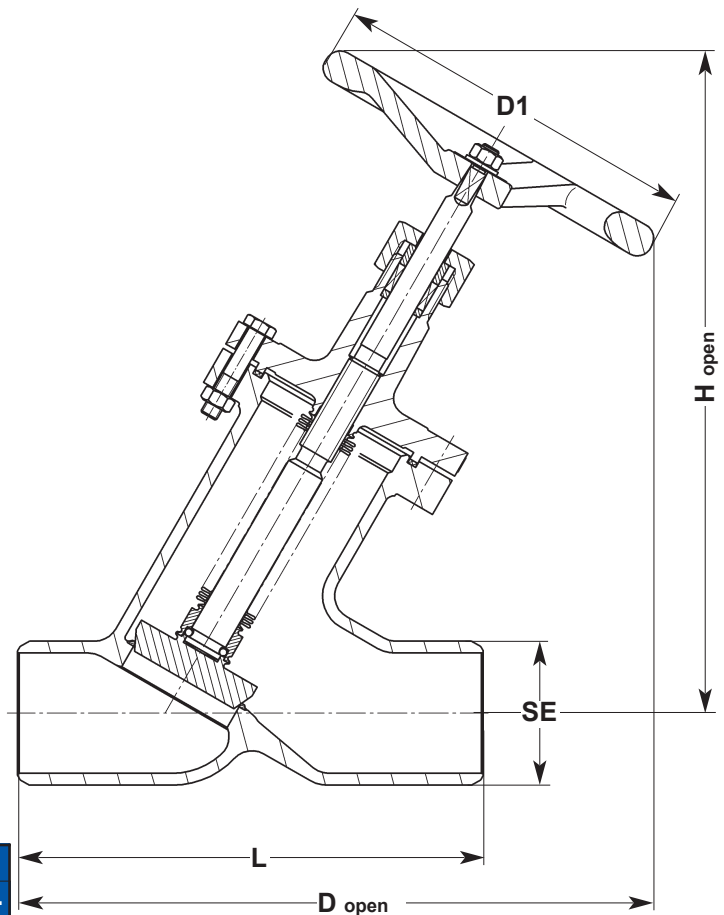
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Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 12982

**Available on request :**

- Special corrosion resistant materials for:
- Complete valve - Bellows - Trim
- Soft sealing and regulating disc
- Welded bonnet
- Heating jacket

**Detailed information and more alternatives are given in the appendix.**

Component	Material		
	C.S.	S.S.	Low temp.
	11.9-S-SE	11.9-S-SE-A4	11.9-S-SE-TT
Body	1.0619	1.4408	1.1138
Body seat	1.4370	Stellite 21	1.4370
Bonnet	1.0619	1.4408	1.1138
Disc	1.4021	1.4571	1.4571
Disc surface	1.4021	Stellite 6	Stellite 6
Bellows	1.4571	1.4571	1.4571
Bonnet gasket	1.4571/graphite		
Bolts	A2/70	A2/70	A2/70
Nuts	A2/70	A2/70	A2/70
Gland packing	Pure graphite		
Gland	1.4305	1.4305	1.4305
Cap nut	1.0718	1.4305	1.4305
Stem	1.4021	1.4571	1.4571
Handwheel	0.6020	0.6020	0.6020



DN	SE [mm]	L [mm]	D open [mm]	H open [mm]	D1 [mm]	G [kg]
65	76,1* 3,6	290	365	345	200	13
80	88,9* 4,0	310	440	470	250	25
100	114,3* 5,0	350	485	490	300	38
125	139,7* 4,5	400	500	505	300	55

Bellows sealed globe valve, y- type, with buttwelding ends acc. EN 12627; enclosed bonnet assembly with roll-formed stem screw thread and burnished shaft. Multiplewall liquid contacted bellows made of stainless steel, with anti torque device, tested for 10.000 cycles operations, metal back seat, safety stuffing box packing made of pure graphite, grooved bonnet gasket made of stainless steel 1.4571 with a coating of pure graphite on both sides, housed in a tongue and grooved flange.

**Carbon steel:** Body made of cast material 1.0619, seat hardfaced with stainless steel 1.4370, disc with conical plug made of chrome steel 1.4021.

**Stainless steel:** Body made of cast material 1.4408, seat hardfaced with stellite 21, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.

**Low temperature steel:** Body made of cast material 1.1138, seat hardfaced with stainless steel 1.4370, disc with conical plug made of s.s. 1.4571, sealing surface hardfaced with stellite 6.