

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

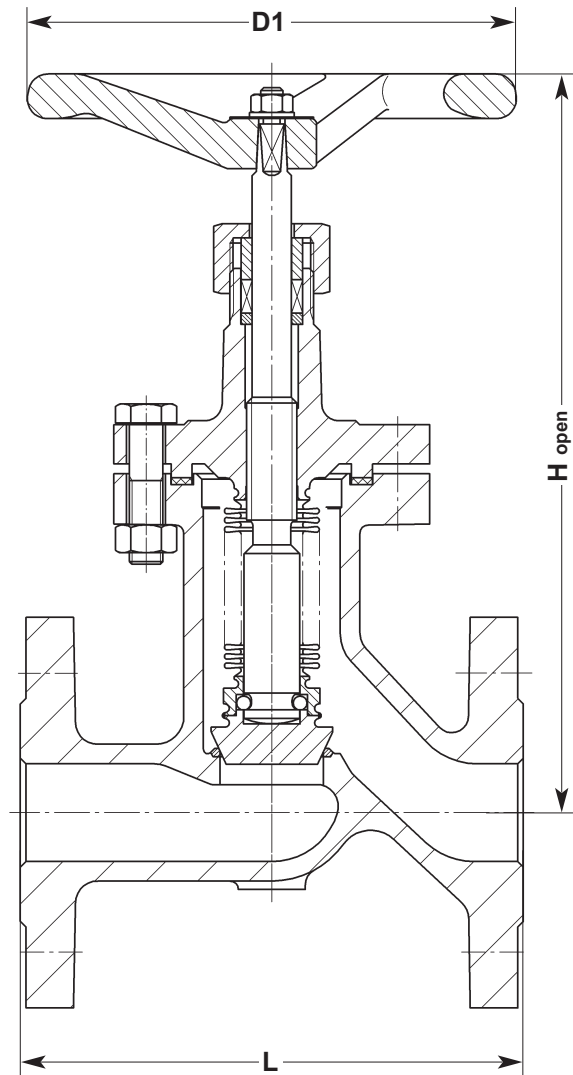
Permissible working pressure acc. EN 1092 - Part 1
Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

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-FL	11.9-G-FL-A4	11.9-G-FL-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	L [mm]	H _{open} [mm]	D1 [mm]	G [kg]
15	130	230	150	7
20	150	230	150	7
25	160	240	150	8
32	180	285	175	12,5
40	200	290	175	12,5
50	230	300	200	17

Bellows sealed globe valve, straight type, with flanges acc. EN 1092-1; 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 65 - 125			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

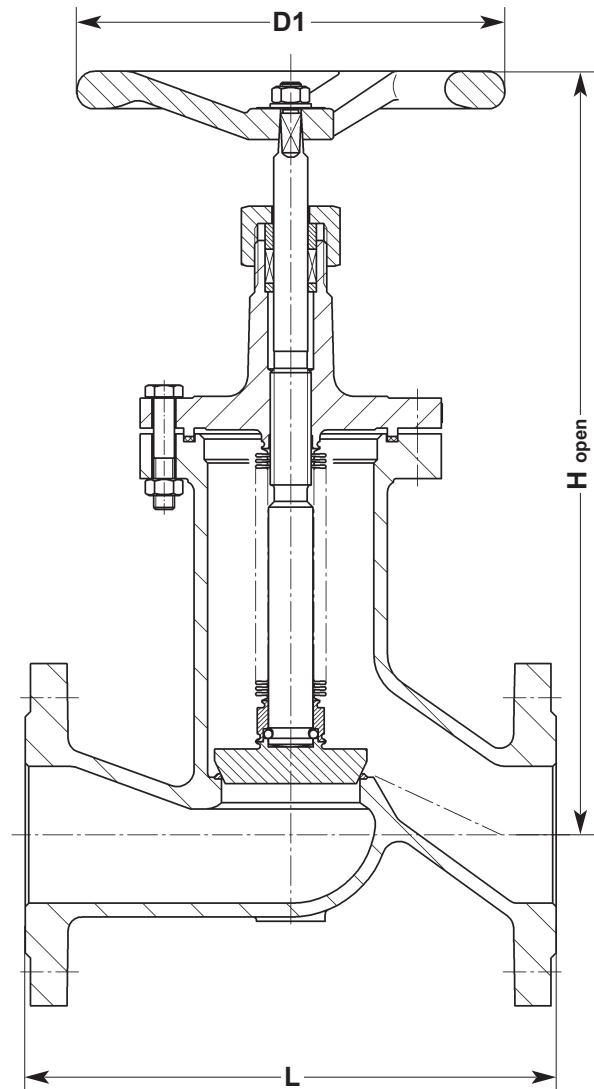
Permissible working pressure acc. EN 1092 - Part 1
Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

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-FL	11.9-G-FL-A4	11.9-G-FL-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	L [mm]	H _{open} [mm]	D1 [mm]	G [kg]
65	290	355	200	21
80	310	485	250	36
100	350	485	300	56
125	400	485	300	73

Bellows sealed globe valve, straight type, with flanges acc. EN 1092-1; 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

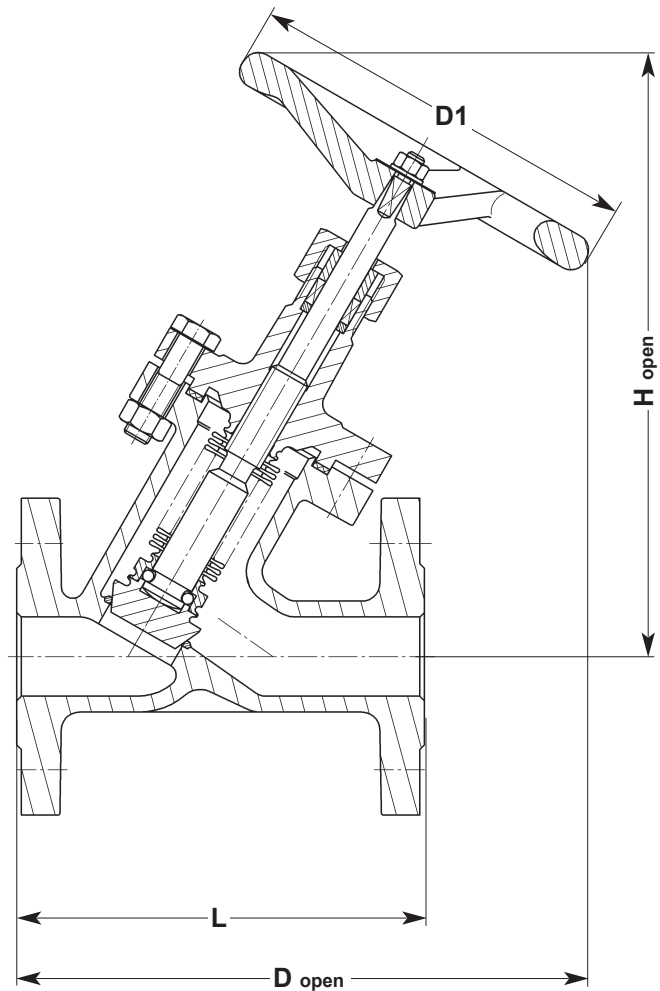
Permissible working pressure acc. EN 1092 - Part 1
Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

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-FL	11.9-S-FL-A4	11.9-S-FL-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	L [mm]	D _{open} [mm]	H _{open} [mm]	D1 [mm]	G [kg]
15	130	215	240	150	6
20	150	210	240	150	8
25	160	220	245	150	8
32	180	265	285	175	12
40	200	275	285	175	14
50	230	315	310	200	17

Faltenbalg-AbsperBellows sealed globe valve, y- type, with flanges acc. EN 1092-1; 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 65 - 125			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

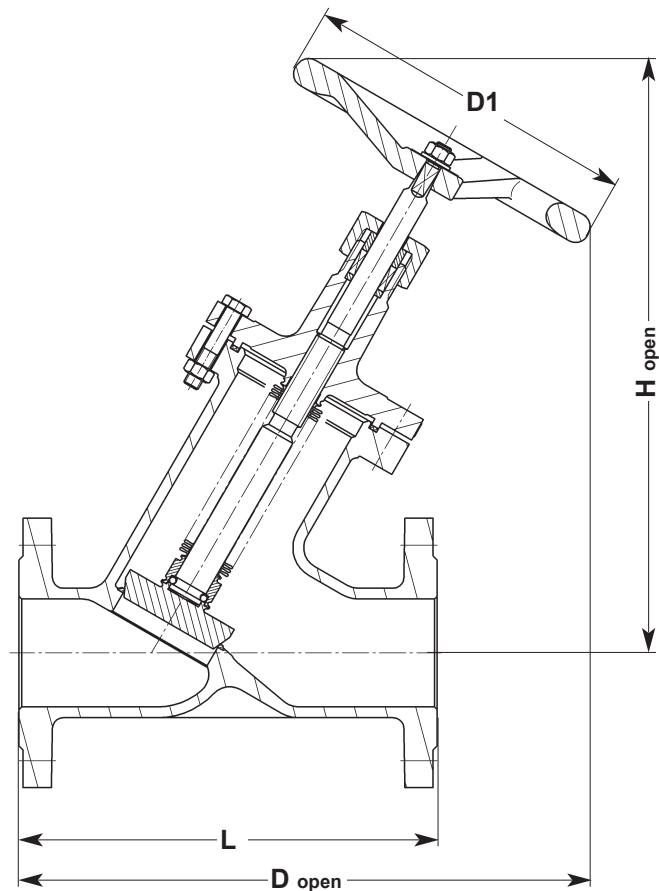
Permissible working pressure acc. EN 1092 - Part 1
Max. differential pressure acc. EN 13709
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

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-FL	11.9-S-FL-A4	11.9-S-FL-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	L [mm]	D open [mm]	H open [mm]	D1 [mm]	G [kg]
65	290	365	345	200	25
80	310	440	470	250	37
100	350	485	490	300	47
125	400	500	505	300	83

Bellows sealed globe valve, y- type, with flanges acc. EN 1092-1; 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.