

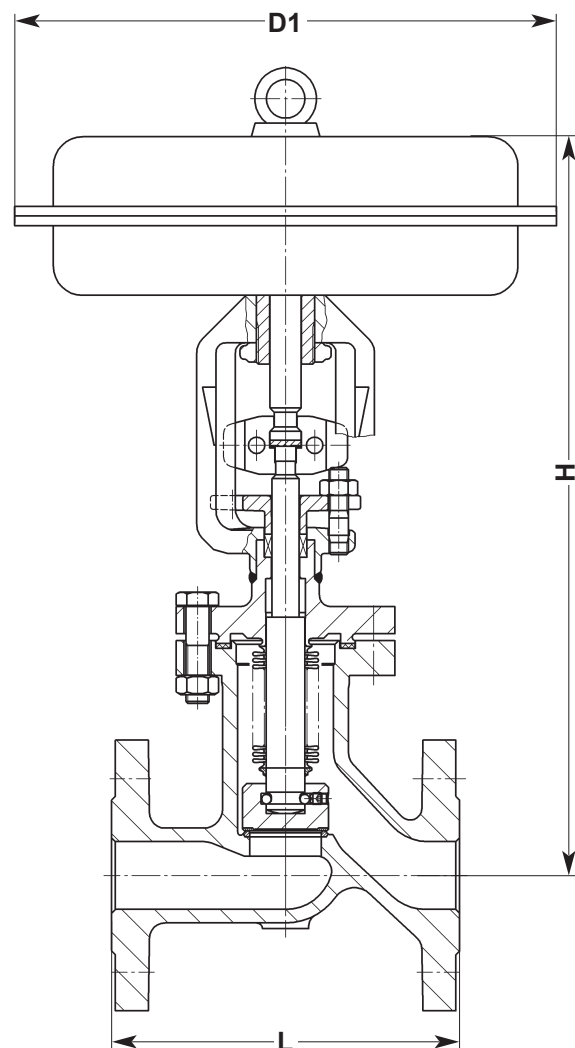
DN 15 - 50			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

Permissible working pressure acc. EN 1092 - Part 1
Leakage class IV acc. EN 60534
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

Diaphragm actuator - technical data:							
DN	Actuator-size	Diaphr.-area	Spring closing		Spring opening		Stroke-volume
			Spring range	Air signal	Spring range	Air signal	
15/25	3271-240	240	0,9..3,3	5	0,4..2,0	4	0,36
32/40	3271-350	350	1,4..2,3	4	0,4..2,0	4	0,53
50	3271-350	350	2,1..3,3	4	0,4..2,0	4	0,53

Detailed information and more alternatives are given in the appendix.

Component	Material		
	C.S.	S.S.	Low temp.
	11.3-G-FL	11.3-G-FL-A4	11.3-G-FL-TT
Body	1.0619	1.4408	1.1138
Body seat	1.4370	Stellite 21	1.4370
Bonnet	1.0619	1.4408	1.0566
Disc	1.4571	1.4571	1.4571
Disc surface	Stellite 6	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	1.0420	1.4408	1.4408
Stem-lower part	1.4301	1.4571	1.4301
Actuator	Steel	Steel	Steel



DN	L [mm]	H [mm]	D1 [mm]	G [kg]
15	130	325	240	12
20	150	325	240	13
25	160	340	240	13
32	180	385	280	20
40	200	385	280	22
50	230	400	280	25

Pneumatic actuated bellows sealed globe valve, straight type, with flanges acc. EN 1092-1; coupled stem with 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.

Fitted with pneumatic diaphragm actuator; operating spring closing or spring opening. Necessary signal pressure 4 bar, max. 6 bar; max. differential pressure 6 bar. Higher differential pressures on request. Seat leakage acc. EN 60534 leakageclass IV; higher leakage classes can be reached by use of a soft seat valve disc.

Can be customised with emergency handwheel, built-on 3/2-way solenoid valves, micro or proximity limit-switches and pneumatic or electropneumatic positioners.

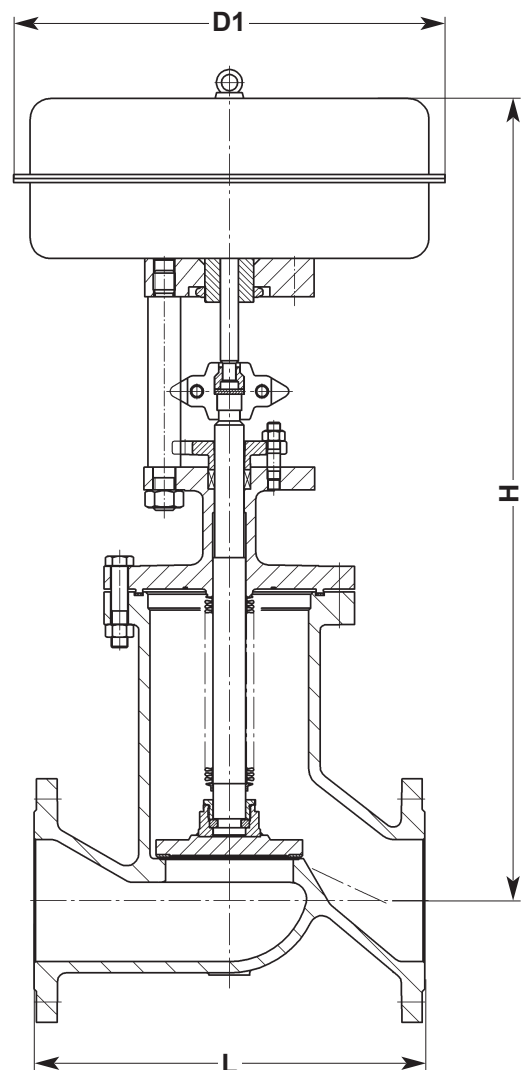
DN 65 - 200			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

Permissible working pressure acc. EN 1092 - Part 1
Leakage class IV acc. EN 60534
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

Diaphragm actuator - technical data:							
DN	Actuator size	Diaphr.-area	Spring closing		Spring opening		Stroke volume
			Spring range	Air signal	Spring range	Air signal	
65	3271-700	700	0,8..2,4	4	0,4..2,0	4	2,10
80/100	3271-700	700	1,4..2,3	4	0,4..2,0	4	2,10
125	3271-700	700	2,1..3,3	4	0,4..2,0	4	2,10
150/200	3271-1400	1400	1,4..2,7	4	0,4..2,0	4	8,30

Detailed information and more alternatives are given in the appendix.

Component	Material		
	C.S.	S.S.	Low temp.
	11.3-G-FL	11.3-G-FL-A4	11.3-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	1.4571/1.0460	1.4571	1.4571/1.0566
Disc surface	St.6/1.4009	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	1.0420	1.4408	1.4408
Stem-lower part	1.4301	1.4571	1.4301
Actuator	Steel	Steel	Steel



DN	L [mm]	H [mm]	D1 [mm]	G [kg]
65	290	520	390	48
80	310	625	390	62
100	350	625	390	78
125	400	630	390	108
150	480	990	530	225
200	600	950	530	325

Pneumatic actuated bellows sealed globe valve, straight type, with flanges acc. EN 1092-1; coupled stem with 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. Bonnet design with column and mounting flange. Stem from DN 250 and above provided with an additional guide sleeve.

Fitted with pneumatic diaphragm actuator; operating spring closing or spring opening. Necessary signal pressure 4 bar, max. 6 bar; max. differential pressure 6 bar. Higher differential pressures on request. Seat leakage acc. EN 60534 leakageclass IV; higher leakage classes can be reached by use of a soft seat valve disc.

Can be customised with emergency handwheel, built-on 3/2-way solenoid valves, micro or proximity limit-switches and pneumatic or electropneumatic positioners.

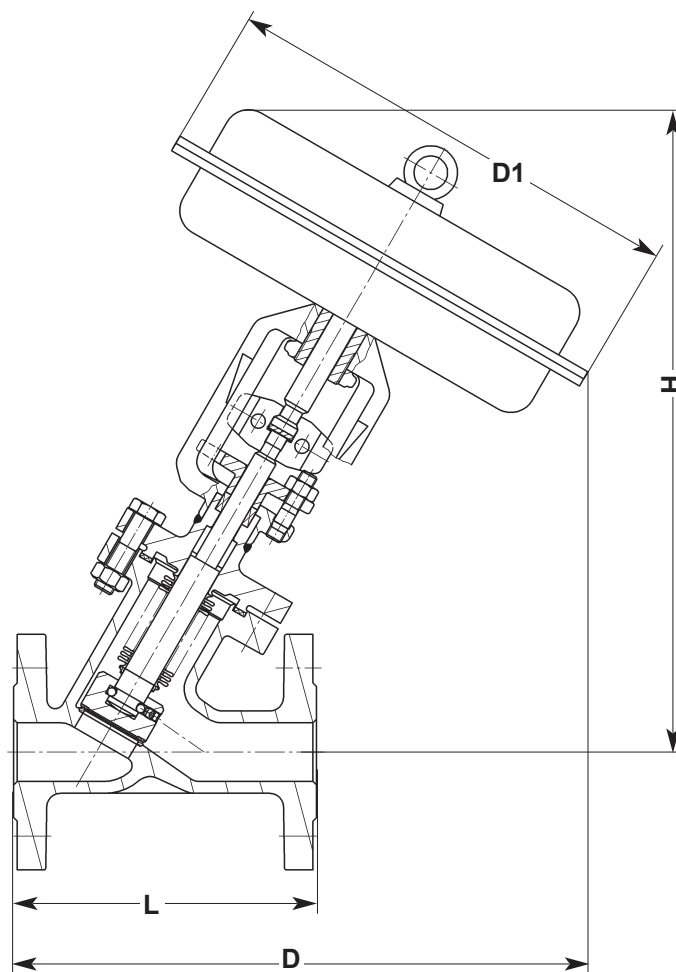
DN 15 - 50			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

Permissible working pressure acc. EN 1092 - Part 1
Leakage class IV acc. EN 60534
Terms of delivery DIN 3230/EN 12266-1
Face to face dimension acc. EN 558-1

Diaphragm actuator - technical data:							
DN	Actuator-size	Diaphr.-area [cm ²]	Spring closing		Spring opening		Stroke volume [dm ³]
			Spring range [bar]	Air signal [bar]	Spring range [bar]	Air signal [bar]	
15/25	3271-240	240	0,9..3,3	5	0,4..2,0	4	0,36
32/40	3271-350	350	1,4..2,3	4	0,4..2,0	4	0,53
50	3271-350	350	2,1..3,3	4	0,4..2,0	4	0,53

Detailed information and more alternatives are given in the appendix.

Component	Material		
	C.S.	S.S.	Low temp.
	11.3-S-FL	11.3-S-FL-A4	11.3-S-FL-TT
Body	1.0619	1.4408	1.1138
Body seat	1.4370	Stellite 21	1.4370
Bonnet	1.0619	1.4408	1.0566
Disc	1.4571	1.4571	1.4571
Disc surface	Stellite 6	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	1.0420	1.4408	1.4408
Stem-lower part	1.4301	1.4571	1.4301
Actuator	Steel	Steel	Steel



DN	L [mm]	D [mm]	H [mm]	D1 [mm]	G [kg]
15	130	290	340	240	12
20	150	285	340	240	13
25	160	295	345	240	14
32	180	340	380	280	20
40	200	355	380	280	22
50	230	385	405	280	25

Pneumatic actuated bellows sealed globe valve, y-type, with flanges acc. EN 1092-1; coupled stem with 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.

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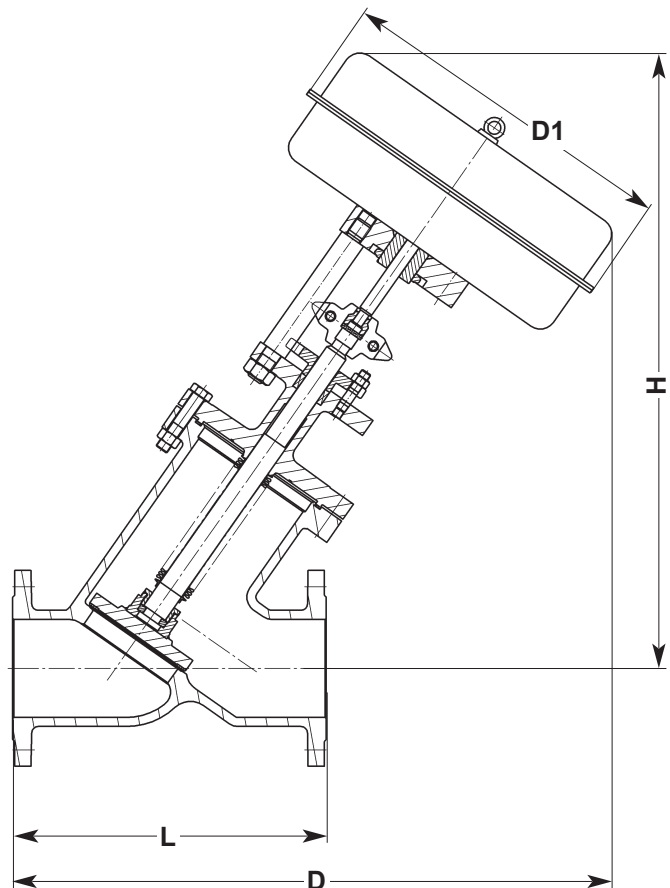
DN 65 - 200			
PN 40			
	C.S.	S.S.	Low temp.
Tmin.	-10°C	-200°C	-50°C
Tmax.	+400°C	+400°C	+300°C

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Diaphragm actuator - technical data:							
DN	Actuator size	Diaphr.- area [cm ²]	Spring closing		Spring opening		Stroke volume [dm ³]
			Spring range [bar]	Air signal [bar]	Spring range [bar]	Air signal [bar]	
65	3271-700	700	0,8..2,4	4	0,4..2,0	4	2,10
80/100	3271-700	700	1,4..2,3	4	0,4..2,0	4	2,10
125	3271-700	700	2,1..3,3	4	0,4..2,0	4	2,10
150/200	3271-1400	1400	1,4..2,7	4	0,4..2,0	4	8,30

Detailed information and more alternatives are given in the appendix.

Component	Material		
	C.S.	S.S.	Low temp.
	11.3-S-FL	11.3-S-FL-A4	11.3-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	1.4571/1.0460	1.4571	1.4571/1.0566
Disc surface	St.6/1.4009	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	1.0420	1.4408	1.4408
Stem-lower part	1.4301	1.4571	1.4301
Actuator	Steel	Steel	Steel



DN	L [mm]	D [mm]	H [mm]	D1 [mm]	G [kg]
65	290	510	525	390	44
80	310	555	620	390	62
100	350	580	625	390	76
125	400	590	645	390	108
150	480	920	945	530	220
200	600	965	960	530	325

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