



Fabryka Armatur
„Glucholazy” S.A.

Globe valve bellows sealed with flanges

Cat. no. 218M – straight form

Cat. no. 222M – angle form

- 218/222MT - for disc with PTFE sealing
- 218/222AM - for stainless steel valves

ND 32 ÷ 100 / NP 4,0 MPa / Tmax=450°C*

Issued in

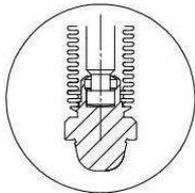
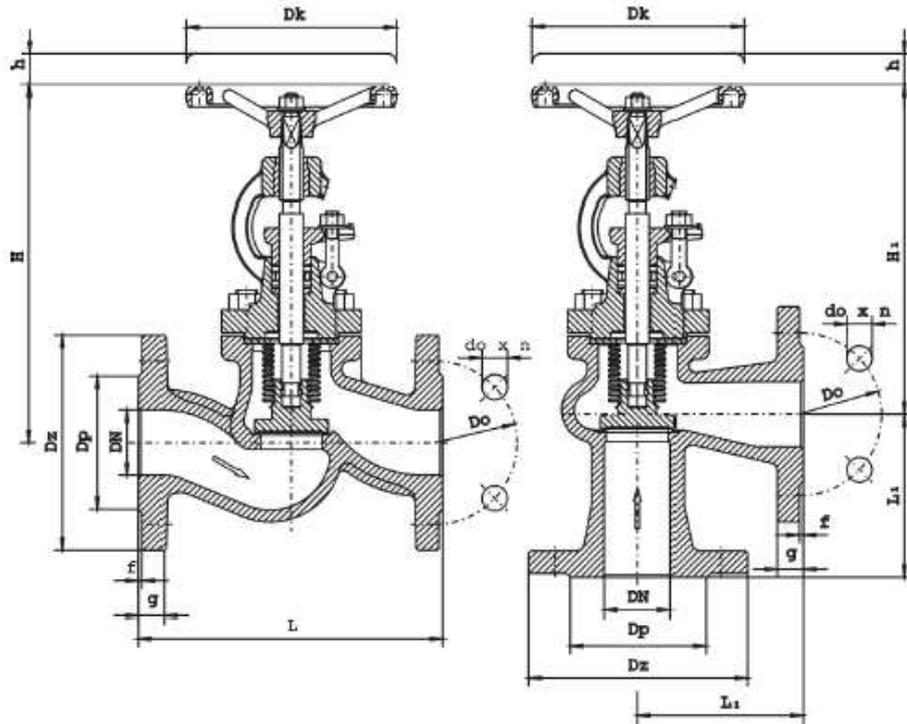
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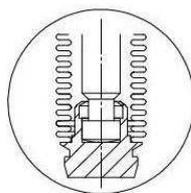
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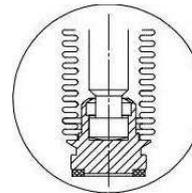
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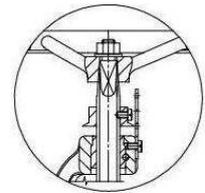
Regulating disc



Conical disc



Disc with PTFE sealing



Position indicator

Dimensions:

ND	Dz	Dp	D ₀	d ₀ x n	L	L ₁	f	g	H	H ₁	h	D _K	Weight	
													fig. 218M	fig. 222M
mm													kg	
32	140	78	100	18 x 4	180	105	2	18	260	240	10	160	11,0	10,6
40	150	88	110	18 x 4	200	115	2	18	270	250	13	160	12,7	13,6
50	165	102	125	18 x 4	230	125	2	20	275	255	13	160	16,0	17,0
65	185	122	145	18 x 8	290	145	2	22	320	290	15	200	28,0	28,0
80	200	138	160	18 x 8	310	155	2	24	370	320	16	250	36,0	37,4
100	235	162	190	22 x 8	350	175	2	24	405	360	18	320	50,0	50,0

* for stainless steel valves (A) Tmax for material 1.4408: from -196°C up to +250°C

Application :

Globe valves bellows sealed can be installed in any position on the pipeline, paying attention on correct flow direction of medium, in accordance with marking on the body. They are destined for closing the medium flow, specially where the medium is dangerous for health and environment. Possible also to throttle the medium flow in execution with regulating disc.

Medium:

The valves are applicable for water, sea water, steam, oil and other non-aggressive fluids and gases with operating temp. from – 10 °C up to 450 °C

Application range:

Nominal pressure PN [bar]	Maximum operating pressure at medium temperature (°C)						
	- 10 to 120 °C	200 °C	250 °C	300 °C	350 °C	400 °C	450 °C
GP240GH	40	35	32	28	24	21	13
GX5CrNiMo19-11-2	40	26	24				

Detailed informations can be found on the graph "Fitting's permissible working parameters for applied materials" (layout p/t) in part IV of the catalogue.

Materials:

Description	Material		
	standard	with PTFE sealing (Tmax 200°C)	stainless steel (Tmax 250°C)
Body	GP240GH	GP240GH	GX5CrNiMo19-11-2
Body seat	18-8 Cr-Ni	18-8 Cr-Ni	GX5CrNiMo19-11-2
Bonnet - ND 32-50 - ND 65-100	P250GH GP240GH	P250GH GP240GH	X6CrNiMoTi17-12-2 (X6CrNiTi18-10) GX5CrNiMo19-11-2
Stem	X30Cr13	X30Cr13	X6CrNiTi18-10
Disc seat	18-8 C r-Ni	PTFE	18-8 Cr-Ni
Bellows	18-8 Cr-Ni	18-8 Cr-Ni	18-8 Cr-Ni
Packing	Graphite	Graphite/PTFE	Graphite

Remarks:

1. Standard flanges: with raised face "B1", drilled acc. to PN-EN 1092-1:2004. On request – the other type of raised face acc. to PN-EN 1092-1:2004, ANSI, BS, DIN or according to individual request of the customer.
2. We produce the valves with flanges designed for NP (0,6 – 2,5) [MPa].
3. Tests and requirements of valves acc. to PN-EN 12266-1:2003.
4. Tightness class – A acc. to PN-EN 12266-1:2003.
5. Face to face dimension acc. to PN-EN 558-1:2001.
6. Quality certificate, depends on customer request – acc. to PN-EN 10204:2005.

NOTE – in inquiry / order we're asking for quoting the norm, type of facing, as well as medium and working parameters.

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The Manufacturer reserves the right to introduce the changes in production without notify.