

VIT-GLB

 Globe Valve	 Ansi 150 / Ansi 300	 Flanged
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Standard Features*

- Type: Globe Valve
- Design: BS 1873
- Face to Face: ASME B16.10
- Connection: Flanged RF (Standard) / FF (On Request)
- Max. working pressure: 20 bar / 50 bar
- Max Temperature: 345°C (depending on material)
- Hydrotest: According to EN 12266 / API 598
- Operation: Handwheel (VIT-GLB) / Piston Pneumatic Actuator or Electric Motor (VIT-GLBCTR)
- Special Version: ANSI 600 / PN 10 / PN 16 / PN 64 - A216 WCB / A216 WCC Material
- Accessories: 4-20 mA Positioner (Other type available on request) - Air Filter Regulator - Stainless Steel Tubings & Fittings



Standard Materials*

Part	Material Standard
Body	1) Stainless Steel A351 CF8M 2) Duplex Stainless Steel A995 4A 3) Super Duplex Stainless Steel A995 5A
Shaft	1) Stainless Steel A182 F316 2) Duplex Stainless Steel A182 F51 3) Super Duplex Stainless Steel A182 F53
Plug	1) Stainless Steel A182 F316 2) Duplex Stainless Steel A182 F51 3) Super Duplex Stainless Steel A182 F53
Seat	1) Stainless Steel A182 F316 2) Duplex Stainless Steel A182 F51 3) Super Duplex Stainless Steel A182 F53



*Other pressure ratings, design options, diameters & materials are available upon request. Customized drawings with proper requested options to rely on will be provided below in case of special requests



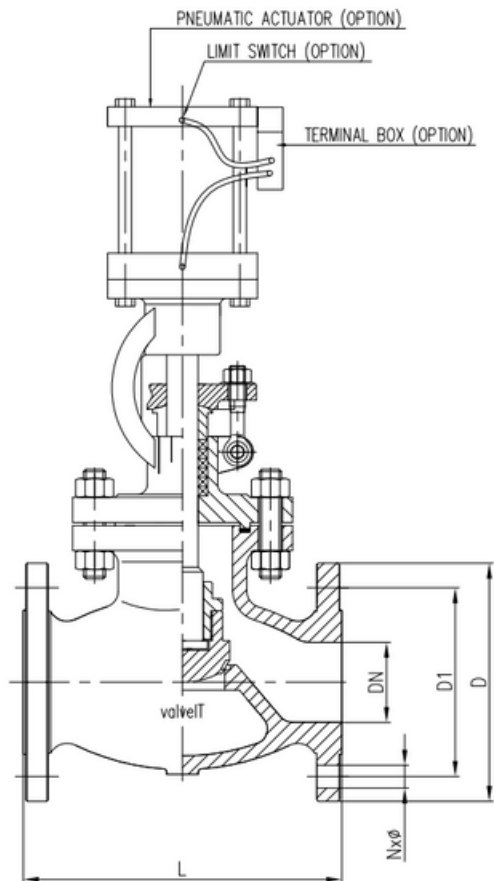
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Standard Dimensions*

Ansi 150				
DN	L	D	D1	N. x Ø
2"	203	150	120.5	4 x Ø19
3"	241	190	152.5	4 x Ø19
4"	292	230	190.5	8 x Ø19
6"	406	280	241.5	8 x Ø22
8"	495	345	298.5	8 x Ø22
10"	622	405	362	12 x Ø25
12"	698	485	432	12 x Ø25

*Shown Dimensions refer to standard ANSI 150 Flanged RF Connection. Customized drawings with proper requested options to rely on will be provided below in case of different requests. Standard dimensions showed are subject to change without any prior notice basing on company standard updates (customized and/or as-built drawings with final dimensions will be provided below before starting the manufacturing process).



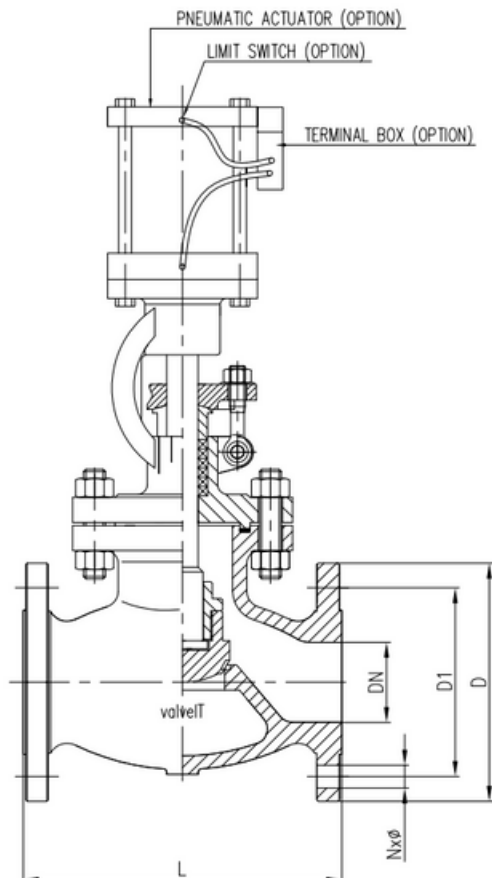
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Standard Dimensions*

Ansi 300				
DN	L	D	D1	N. x Ø
2"	267	165	92	8 x Ø19
3"	318	210	127	8 x Ø22
4"	346	255	157	8 x Ø22
6"	444	320	216	12 x Ø22
8"	559	380	270	12 x Ø25
10"	622	445	324	16 x Ø29
12"	711	520	381	16 x Ø32

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Standard Dimensions*

		Cv Chart						
% VALVE OPENING	% Cv	Cv Value	DN 2"	DN 3"	DN 4"	DN 6"	DN 8"	DN 10"
100	100		50	112	173	410	720	990
90	97		49	109	168	398	698	960
80	95		46	103	159	378	663	912
70	92		42	95	147	348	610	839
60	87		37	83	128	302	531	730
50	85		31	70	108	257	451	621
40	80		25	56	87	206	361	497
30	73		18	41	63	150	264	362
20	65		12	27	41	98	171	236
10	47	6	13	19	46	81	111	

*Shown Values refer to standard Cv Values subject to 1 bar pressure drop. Customized drawings with proper requested options to rely on will be provided below in case of different requests. Standard dimensions showed are subject to change without any prior notice basing on company standard updates (customized and/or as-built drawings with final dimensions will be provided below before starting the manufacturing process).

