



GV-16K / GV-25Z / GV-40K

GLOBE VALVE

GENERAL FEATURES

AYVAZ globe valves have a wide range of applications in industry due to its high pressure and temperature resistant structure.

Ayvaz globe valves are flat flow type and their designs consist of body, shaft, flywheel and cap.

Globe valves have taken their names from their global bodies. The body is divided into two parts by means of an internal compartment. Ayvaz globe valves are straight flow type, vertical spindle and T mod-eled valves. Basically, the globe valves regulate the flow (opening-closing) through the movement of the dyskin-sit.

The disc is a threaded shaft controlled by a flywheel. The disc movement is also provided by the flywheel. Through its excellent body and disc design, the Ayvaz globe valves provide smooth laminar flow in pipelines.

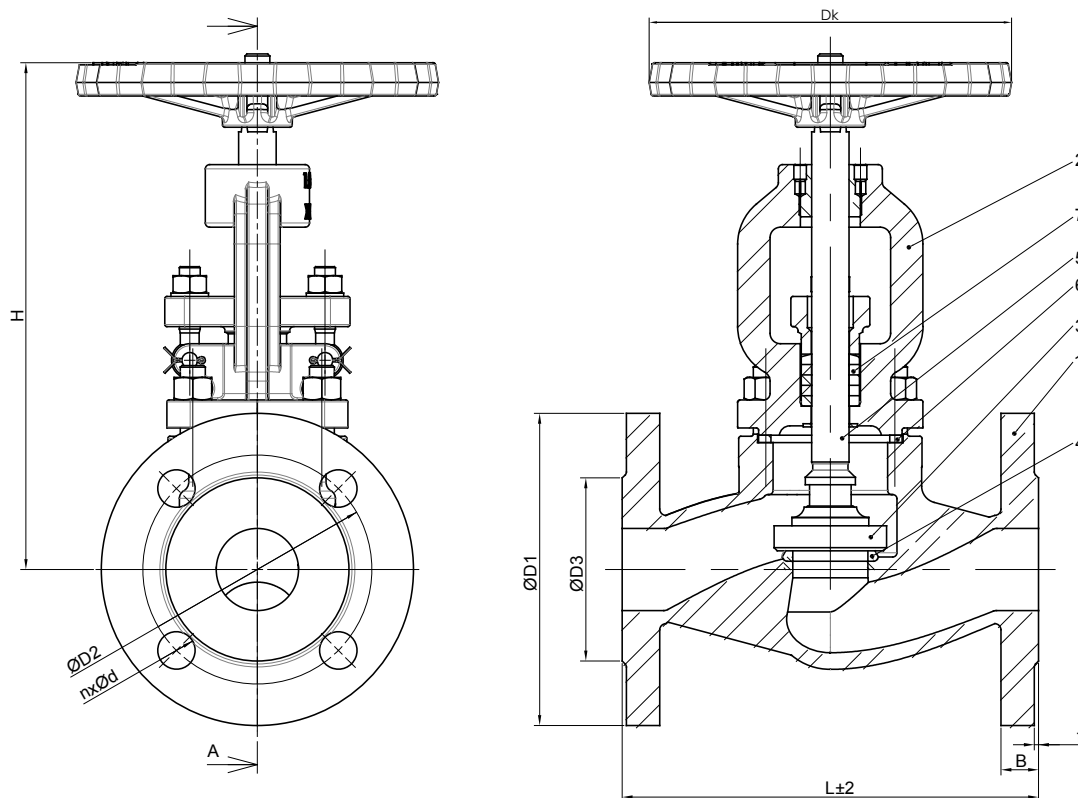
Globe type valves have superior resistance to turbulence, internal corrosion and pressure losses.

Application Areas

- Steam boilers and steam systems
- Boiling water systems
- Hot and cold water systems
- Compressed air systems
- Chemical fluids (Acidic and non-alkali fluids)
- Ammonia and oil transfer

		GV-16K					GV-25Z						GV-40K				
PRODUCT SPECIFICATIONS	Body	GG-25 Cast Iron					Spheroidal Graphite Cast Iron						Forged Steel				
	Connection	Flanged					Flanged						Flanged				
	Max. Working Temp. °C	300	250	200	150	120	350	300	250	200	150	120	450	350	250	150	50
	Max. Working Pressure bar	9,6	11,2	12,8	14,4	16	17,5	20	21,8	23	24	25	13,1	25,7	30,4	35,2	40

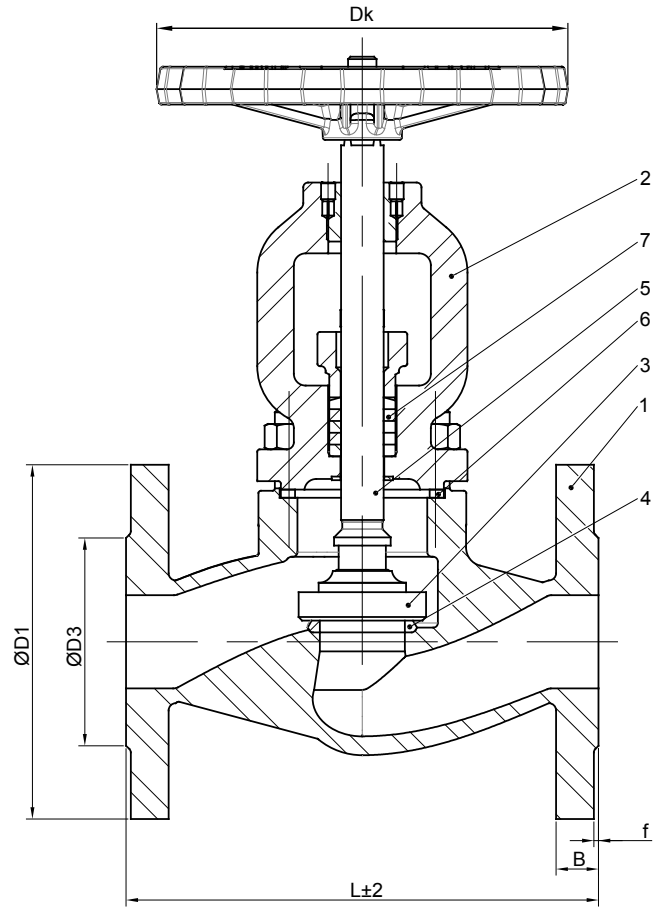
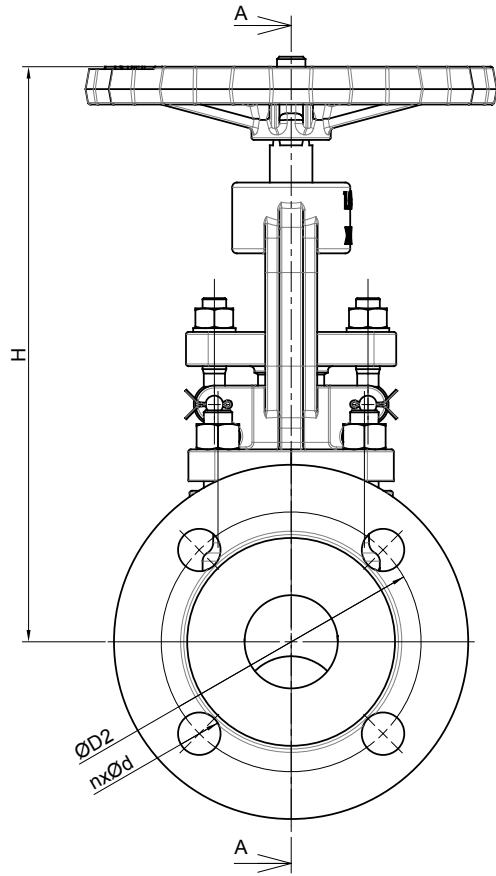
GV-16K GLOBE VALVE



MATERIAL LIST		
Part No.	Part Name	Material
1	Body	GG-25 Cast Iron
2	Cover	Z2Cr13
3	Disc	X20Cr13/1.4021 A105+13Cr
4	Bearing	X20Cr13/1.4021
5	Stem	X20Cr13/1.4021
6	Sealing	Graphite/Stainless Steel
7	Sealing Compound	Graphite

GV-16K											
DN	PN	D	D2	D3	Dk	B	f	n	d	L	H
15	16	95	65	46	125	14	2	4	14	130	210
20	16	105	75	56	125	16	2	4	14	150	210
25	16	115	85	65	125	16	2	4	14	160	210
32	16	140	100	76	125	18	2	4	19	180	210
40	16	150	110	84	160	18	2	4	19	200	245
50	16	165	125	99	160	20	2	4	19	230	255
65	16	185	145	118	200	20	2	4	19	290	310
80	16	200	160	132	200	22	2	8	19	310	325
100	16	220	180	156	250	24	2	8	19	350	385
125	16	250	210	184	250	26	2	8	19	400	435
150	16	285	240	211	315	26	2	8	23	480	475
200	16	340	295	266	400	30	2	12	23	600	620

GV-40K GLOBE VALVE



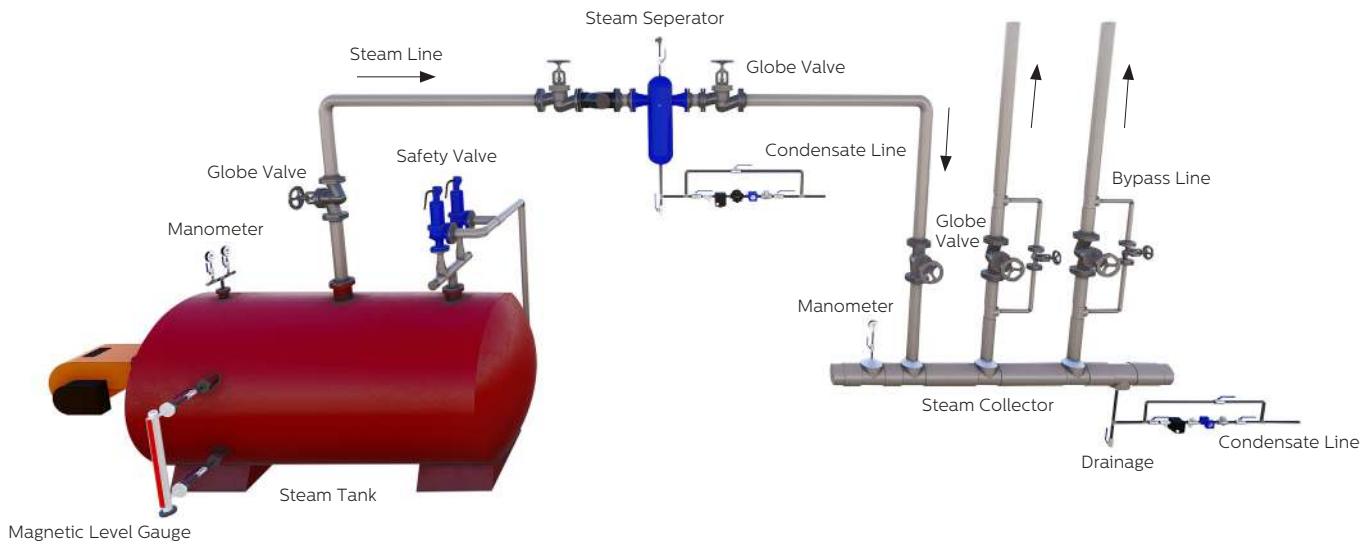
MATERIAL LIST

Parça No.	Part Name	Material
1	Body	1.0619
2	Cover	1.0619
3	Disc	1.0619+13Cr
4	Bearing	13Cr
5	Stem	1.4021
6	Sealing	Graphite / Stainless Steel
7	Sealing Compound	Graphite

GV-40K

DN	PN	D1	D2	Dk	D3	B	f	n	d	L	H
15	40	95	65	140	45	16	2	4	14	130	190
20	40	105	75	140	58	18	2	4	14	150	190
25	40	115	85	160	68	18	2	4	14	160	195
32	40	140	100	180	78	18	2	4	18	180	210
40	40	150	110	180	88	18	3	4	18	200	220
50	40	165	125	200	102	20	3	4	18	230	230
65	40	185	145	200	122	22	3	8	18	290	280
80	40	200	160	250	138	24	3	8	18	310	290
100	40	235	190	280	162	24	3	8	22	350	365
125	40	270	220	300	188	26	3	8	26	400	390
150	40	300	250	315	218	28	3	8	26	480	545
200	40	375	320	400	278	34	3	12	30	600	680

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HEAD OFFICE - FACTORY

Atatürk Sanayi Bölgesi Hadımköy Mahallesi Mustafa İnan Caddesi No: 44 Arnavutköy - İSTANBUL
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 47 27
info@ayvaz.com | www.ayvaz.com

Cona Caserta/Italy

Tel: +39 0823 187 3988
rmolaro@ayvaz.com

Ayvaz Germany Viernheim/Germany

Tel: +49 62046014399
germany@ayvaz.com

Ayvaz Ukraine Kiev/Ukraine

Tel: +380 44 390 57 57
info@ayvaz.com.ua

Tricorr Warsaw/Poland

Tel: +48 530 030 810
+48 533 603 335
tricorr@tricorr.eu

Ayvaz Azerbaijan Baku/Azerbaijan

Tel: +99 (455) 579-84-32
ahayatov@ayvaz.com

Ayvaz Egypt Cairo/Egypt

Tel: +20 122 819 78 29
andrew.eid@ayvaz.com

Ayvaz Gulf Dubai/U.A.E

Tel: +971 563550822
+971 501306871
mideast@ayvaz.com

Ayvaz China Ningbo/China

Tel: +86 152 5830 7361
msahin@ayvaz.com

Ayvaz Kazakhstan LLP Almaty/Kazakhstan

Tel: +7 (727) 327 97 57
info_kz@ayvaz.com

Ayvaz N Ispirih/Bulgaria

Tel: +359 8431 27 32
office@ayvaz-n.eu

Ayvaz Serbia Belgrade/Serbia

Tel: +381 61 658 70 52
yakbiyik@ayvaz.com

Ayvaz Vietnam HCMC/Vietnam

ggursoy@ayvaz.com
Tel: +84 89 8508345

Ayvaz Americas Rhode Island/USA

Tel: +1 401 737 8380
americas@ayvaz.com