

GLOBE VALVE / 2100



PN 16
DN15 → DN250

PRODUCTION STANDARDS

DESIGN	TS EN 13789
END CONNECTION	FLANGED TS EN 1092-2 / ISO 7005-2
FACE TO FACE	TS EN 558 Seri 1 / DIN 3202 F1
TEST	TS EN 12266-1
MARKING	TS EN 19

FEATURES

- FAF2100 Globe Valve, maintains %100 tight sealing through the graphite gasket on the stainless steel disc moving perpendicular to the flow axis and seating on the machined metal seat inside the body
- It has cast iron body; stem, disc and sealing seat are made of stainless steel
- According to its design feature; head loss is higher compared to other valve types due to the flow travelling inside the body and flow section is narrower
- Suitable for hot water, steam and industrial applications
- For using in high temperatures, can be coated with high temperature resistant coating
- No maintenance needed, can be operated with lower torque ratings

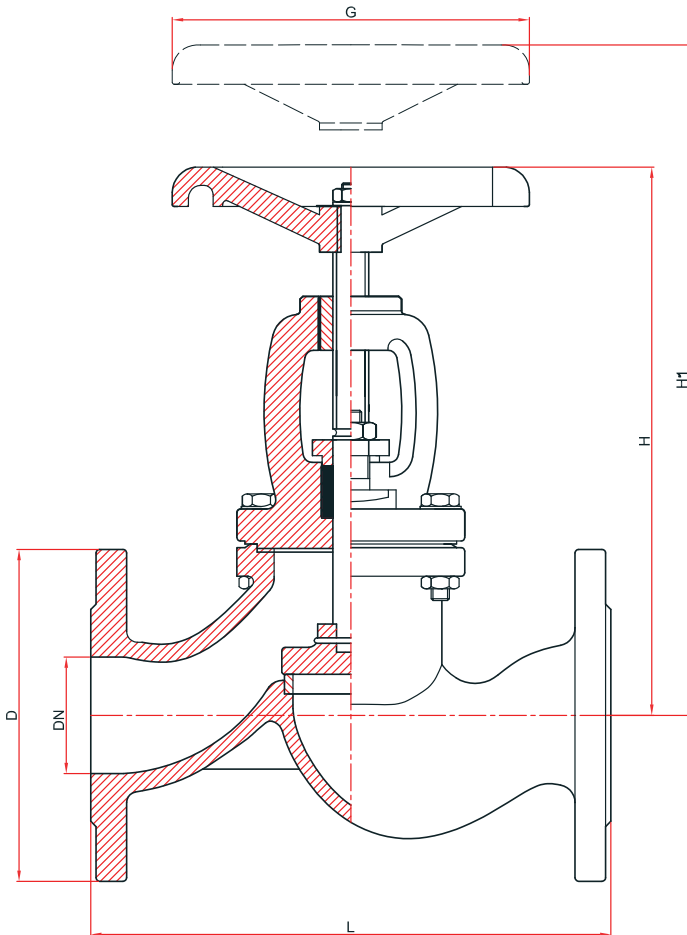
APPLICATIONS

Steam, Superheated Water, Hot Water, Cold Water, Fluids without acidity or alkalinity properties

TEMPERATURE

+250 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BODY	EN-GJL-250 CAST IRON (GG25)
DISC	1.4301 - AISI 304 STAINLESS STEEL
STEM	1.4021 - AISI 420 STAINLESS STEEL
SEALING	GRAPHITE
COATING	INDUSTRIAL EPOXY

DN	DIMENSION					RATINGS			STUD SIZE	BOLT/ NUT QTY	FASTENING MOMENT Nm	WRENCH SIZE (mm)
	mm	D	L	H	H1	G	KV m ³ /h	Tork Nm				
15	95	130	165	175	95	5	15	3,3	M12X50	4X2	85	19
20	105	150	170	185	100	8	20	4	M12X55	4X2	85	19
25	115	160	180	205	120	11	20	5	M12X55	4X2	85	19
32	140	180	215	235	140	18	30	8,5	M16X65	4X2	205	24
40	150	200	225	250	140	28	30	9,6	M16X65	4X2	205	24
50	165	230	235	260	200	47	40	13,8	M16X65	4X2	205	24
65	185	290	265	310	200	72	40	20,1	M16X65	4X2	205	24
80	200	310	300	360	240	126	100	27,6	M16X70	8X2	205	24
100	220	350	340	400	280	170	160	39	M16X75	8X2	205	24
125	250	400	390	470	360	267	200	58,1	M16X80	8X2	205	24
150	285	480	430	510	360	380	250	75,5	M20X80	8X2	400	30
200	340	600	490	575	400	683	350	122,9	M20X90	12X2	400	30
250	405	730	600	700	400	1057	500	228,4	M24X100	12X2	691	36