

CAST IRON GLOBE VALVE HIGH TEMPERATURE FLANGED PN16 DIN

Cast iron globe valve flanged PN16 for setting or closing on networks of non-corrosives and non-toxic fluids, steam and high temperature.

Graphite packing and gasket.

Bolted bonnet and packing for an easy maintenance.

**Certificate****3.1**

Size : DN15 to DN200
Connection : Flanged PN16 RF
Min Temperature : -10°C
Max Temperature : +300°C
Max Pressure : 16 bars
Specifications : Rising rotating stem and handwheel
High temperature
Bolted bonnet and packing

Materials : Cast iron body EN GJL-250

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SPECIFICATIONS :

- Respect the flow direction (indicated by the arrow)
- Rising rotating stem and handwheel
- Pressed seat
- Bolted bonnet and gland packing
- Flanges R.F. PN16

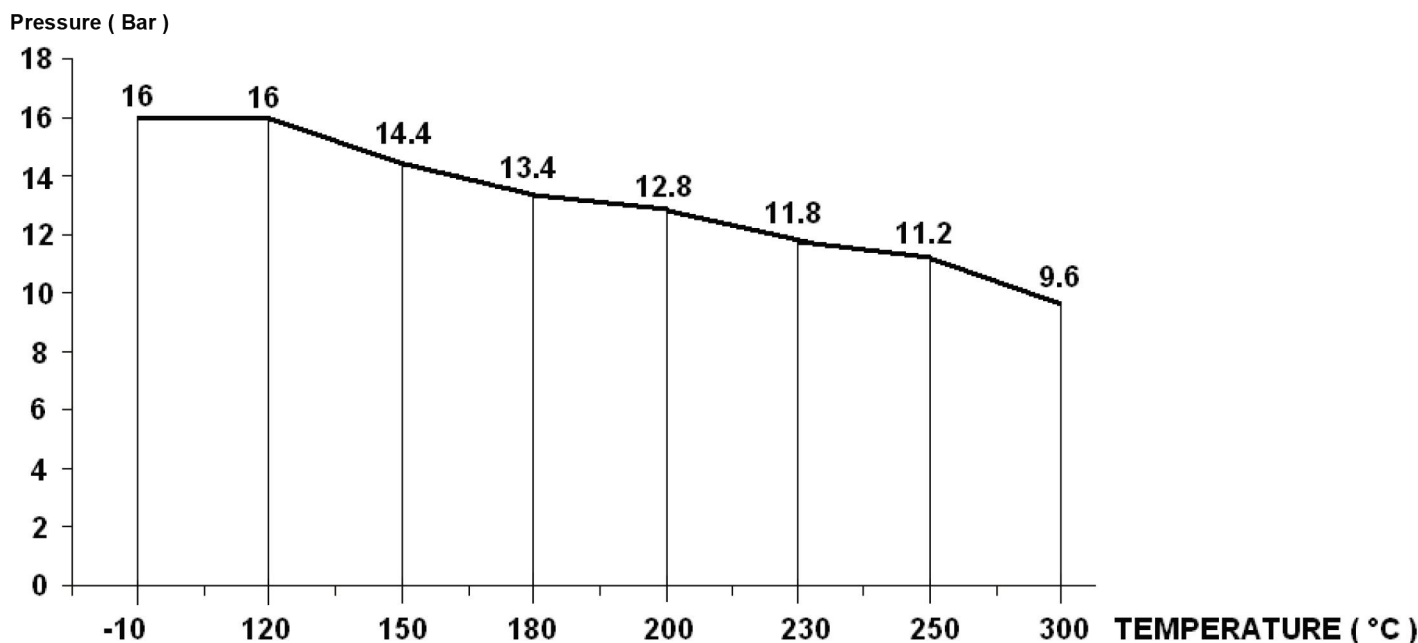
USE :

- For all common fluids of 2nd group
- Min and max Temperature Ts : - 10°C to + 300°C
- Max Pressure Ps : 16 bars (see graph)
- Keep greased the stem
- Do not use for convector fluid
- Tighten the gland packing in service
- **Steam : 10 bars maximum**

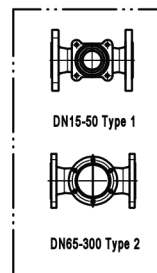
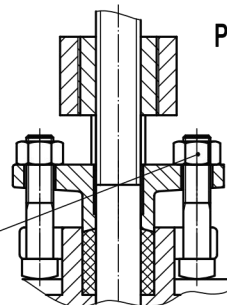
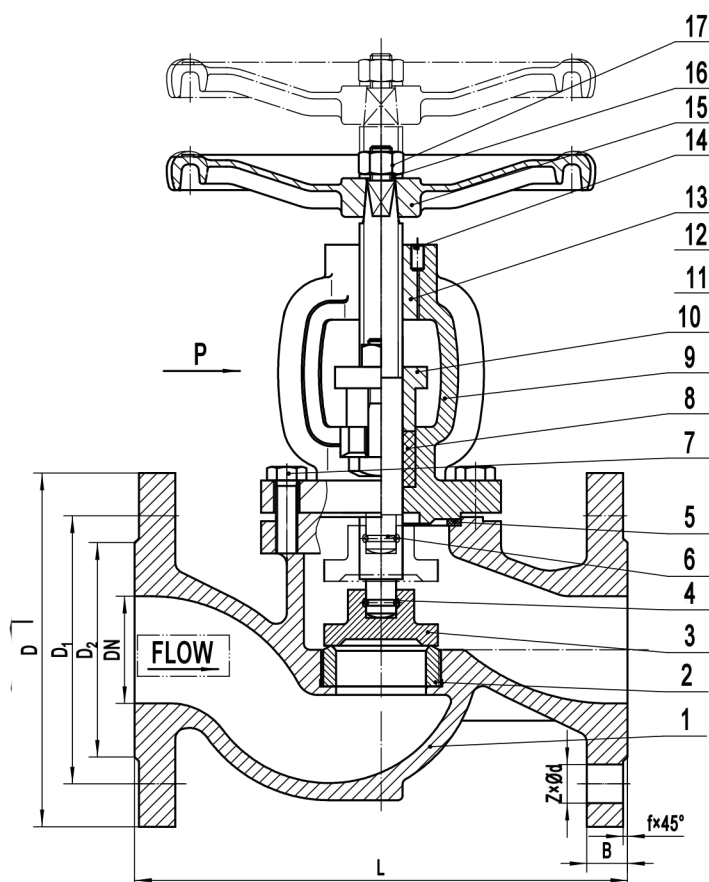
FLOW COEFFICIENT Kvs (M3 / h) :

DN	15	20	25	32	40	50	65	80	100	125	150	200
Kvs (m3/h)	5.9	7.4	13	18	30	41	79	115	181	225	364	690

PRESSURE / TEMPERATURE GRAPH :



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TECHNICAL REQUIREMENTS

- 1.DESIGN AND CHECK STANDSRD: BS EN 13789/ DIN 3356;
- 2.FACE TO FACE STANDARD: BS EN 558-1/ DIN 3202-F1/ ISO5752;
- 3.FLANGE STANDARD: BS EN1092-2/ DIN2532/2533;
- 4.PRESSURE TEST STANDARD: BS EN 12266/ DIN 3230.

DN	L	D	D ₁	D ₂	b-f	Z-Ød	H	W	Weight
15	130±2	95	65	46	14-2	4-Ø14	180/167	98	3.1
20	150±2	105	75	56	16-2	4-Ø14	179/166	98	3.9
25	180±2	115	85	65	16-2	4-Ø14	200/183	120	4.9
32	180±2	140	100	76	16-2	4-Ø19	231/215	140	7.9
40	200±2	150	110	84	16-2	4-Ø19	247/220	160	8.3
50	230±2	165	125	99	20-2	4-Ø19	270/239	200	14.1
65	280±2	185	145	118	20-2	4-Ø19	306/280	200	19.4
80	310±2	200	160	132	22-2	8-Ø19	363/317	240	28.8
100	350±2	220	180	156	24-2	8-Ø19	387/330	280	38.3

17		NUT	25#STEEL			
16		FLAT WASHER	Q235 STEEL			
15		HANDWHEEL	GGG40			
14		SCREW	35#STEEL			
13		STEM NUT	BRASS			
12		NUT	25#STEEL			
11		T BOLT	35#STEEL			
10		GLAND	GG25			
9		BONNET	GG25/GGG40			
8		PACKING	EXPANDED GRAPHITE			
7		BOLT	35#STEEL			
6		STEM	2C13			
5		GASKET	08#STEEL+EXPANDED GRAPHITE			
4		STEEL BALL	SS304			
3		DISC	13CR			
2		SEAT	S304			
1		BODY	GG25/GGG40			
NO.	CODE	NAME	QTY	MATERIAL	QTY TOTAL WEIGHT	NOTE