

BRONZE UNION BONNET GLOBE VALVE METAL DISC FEMALE BSP PN25

Bronze union bonnet globe valve female BSP with reduced bore for closing or setting networks of common fluids of 2nd group.

PTFE packing.

Monobloc bronze body provides excellent corrosion resistance.



Size: DN1/4" to DN2"

Connection : Female BSP

Min Temperature : -10°C

Max Temperature : +180°C

Max Pressure : 25 Bars

Specifications : Rising rotating stem and handwheel

Monobloc

Reduced bore

PTFE packing

Stainless steel disc and seat

Materials : Bronze ASTM B62 body

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SPECIFICATIONS :

- Respect the flow direction (indicated by the arrow)
- Rising rotating stem and handwheel
- PTFE packing
- Bronze body with union bonnet
- Stainless steel seat and disc
- Threaded female BSP cylindrical

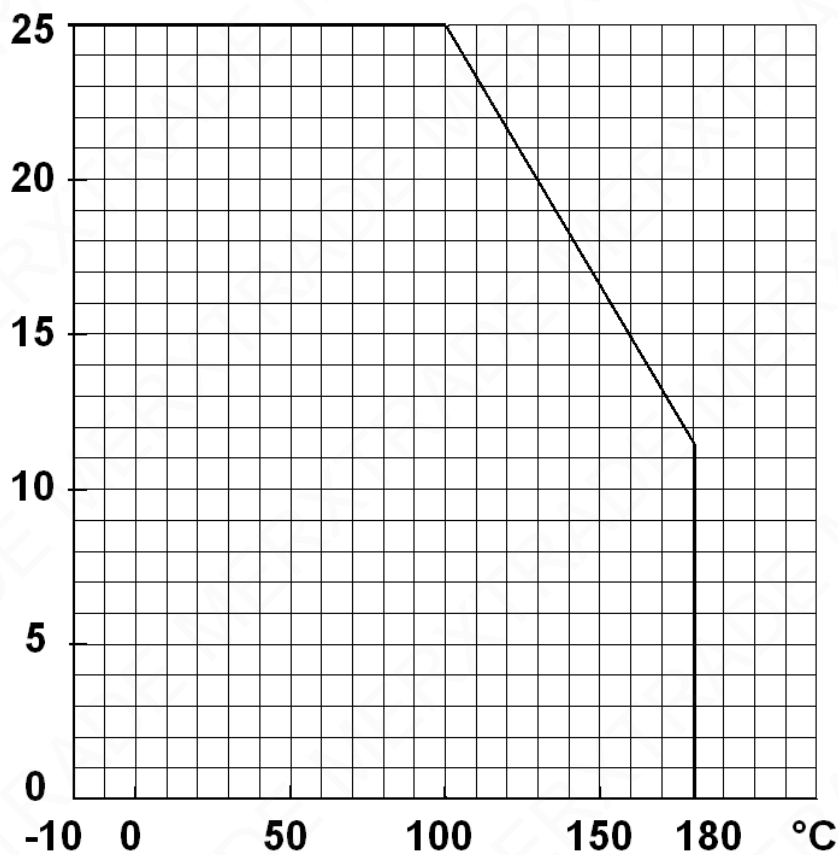
USE :

- For common fluids of 2nd group
- Min and max Temperature Ts : - 10°C to + 180°C
- Max Pressure Ps : 25 bars (see graph)

PRESSURE / TEMPERATURE GRAPH :

PRESSURE

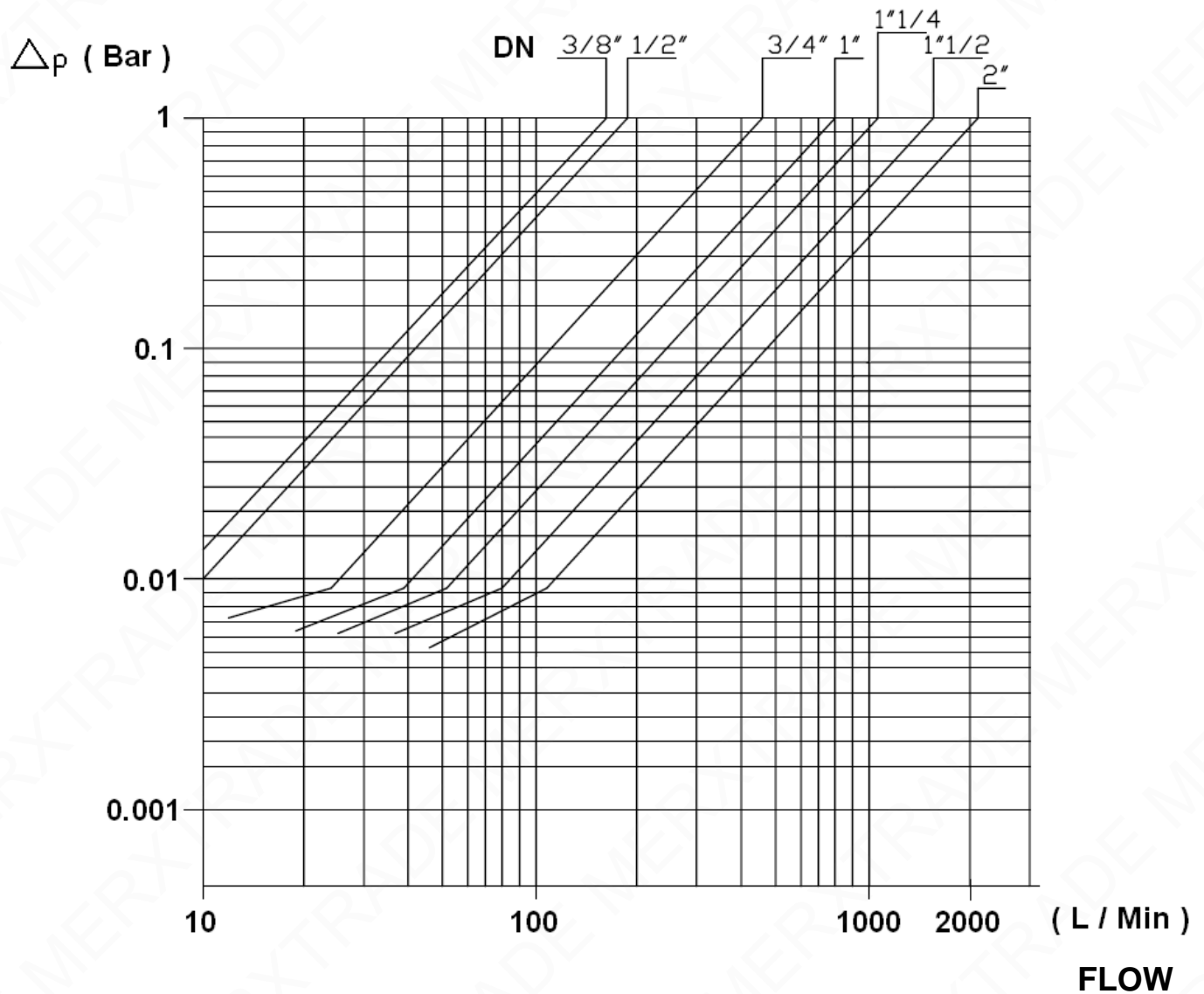
Bar



TEMPERATURE

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HEAD LOSS GRAPH :

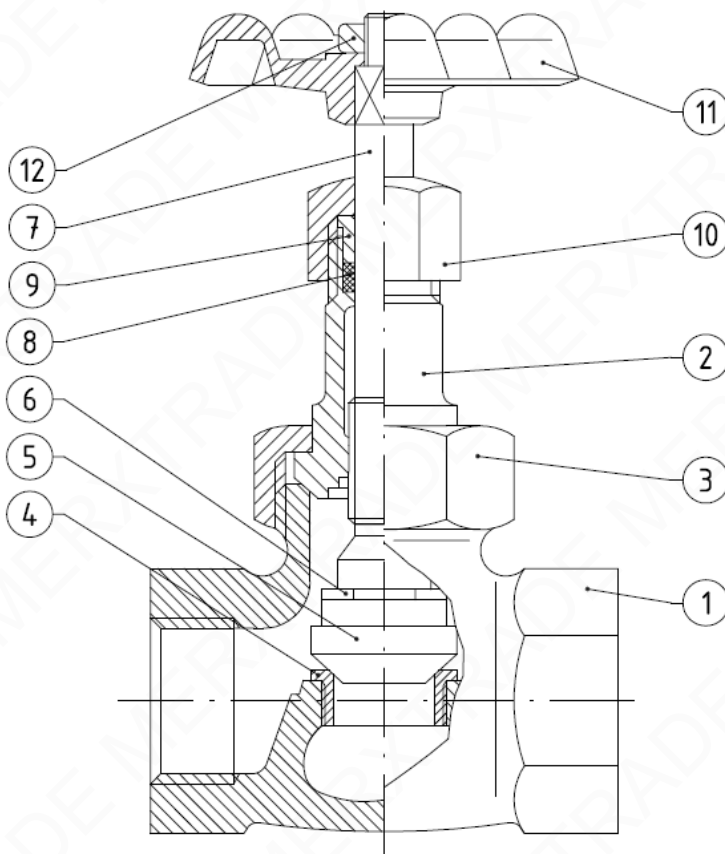


RANGE :

- Globe valve bronze body and stainless steel disc, female threaded cylindrical BSP from DN1/4" to DN2" Ref. 451

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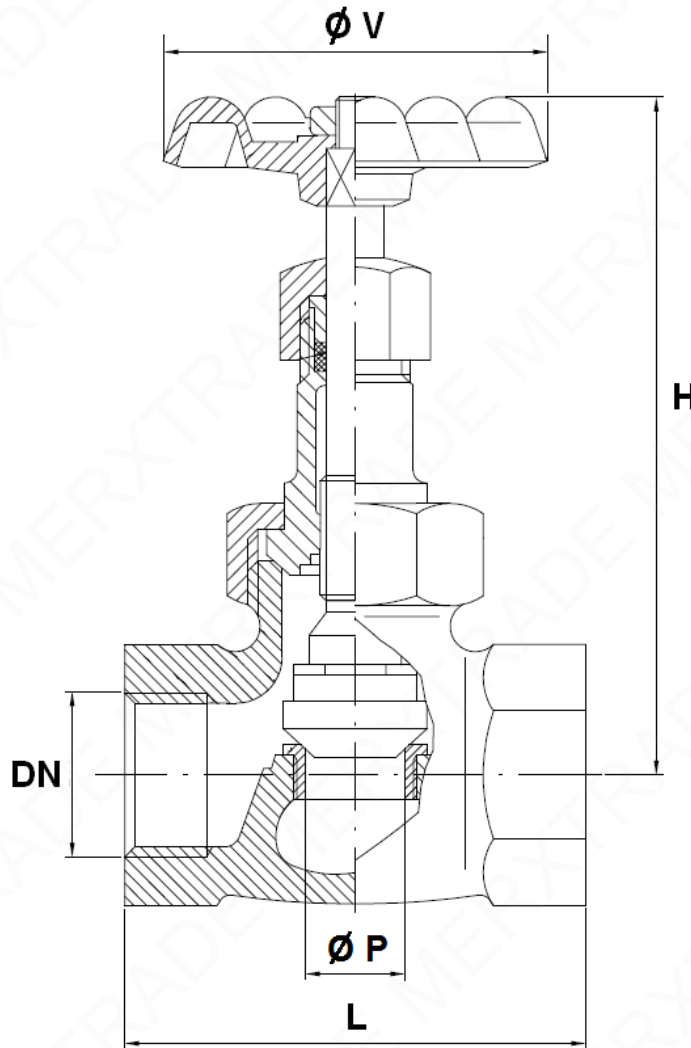
MATERIALS :



Item	Designation	Materials
1	Body	Bronze C83600 ASTM B62
2	Bonnet	Brass CW 617N according to EN 12165
3	Bonnet nut	Brass CW 617N according to EN 12165
4	Seat	AISI 316L
5	Disc	
6	Washer ring	Brass CW 614N according to EN 12164
7	Stem	Brass CW 614N according to EN 12164
8	Packing DN 1/4" – 1/2"	PTFE
8	Packing DN 3/4" – 2"	High temperature Fiber AF/15/MA
9	Packing gland	Brass CW 614N according to EN 12164
10	Packing nut	Brass CW 614N according to EN 12164
11	Handwheel	Aluminium GD12FE UNI EN 1706
12	Handwheel nut	Steel S6 UNI 5589

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SIZE (in mm) :



DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
L	46	46	56	62	74	91	100	128
H	86	86	105	128	143	165	180	210
Ø P	10.8	10.8	12.5	18	20	30	30	37
Ø V	50	50	55	60	70	80	80	95
Weight (Kg)	0.27	0.28	0.36	0.65	0.90	1.42	1.79	2.98
Ref.	451002	451003	451004	451005	451006	451007	451008	451009

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STANDARDS :

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015
- DIRECTIVE 2014/68/EU : CE N° 0497
Risk Category III Module H
- Pressure tests according to EN 12266-1, Rate A
- Threaded female BSP cylindrical according to ISO 228-1

ADVICE : Our opinion and our advice are not guaranteed and MERXTRADE shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.