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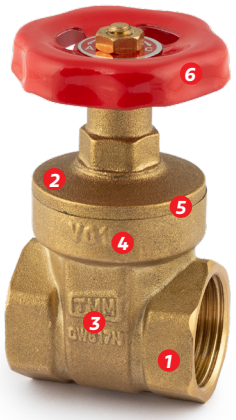
Tips for installation, use and maintenance

TECHNICAL SPECIFICATIONS G-500

PRODUCT



MATERIALS

1. **BODY** *Brass CW617N, according to EN-12165*
2. **LID** *Brass CW617N, according to EN-12165*
3. **GATE CLOSURE** *Brass CW617N, according EN-12165 with NBR surface finish.*
4. **SHAFT** *Brass CW617N, according to EN-12164*
5. **TIGHTNESS ORINGS MADE IN NBR.**
6. **HANDLES** *Steel stearin wheel with epoxy anticorrosion surface finish.*

FEATURES

NOMINAL PRESSURE *16 bar (PN-16).*
MAXIMUM TEMPERATURE *90°C.*
MINIMUM TEMPERATURE *-20°C*
Anti-leak system *on shaft.*
Elastic rubber closure
Antilime

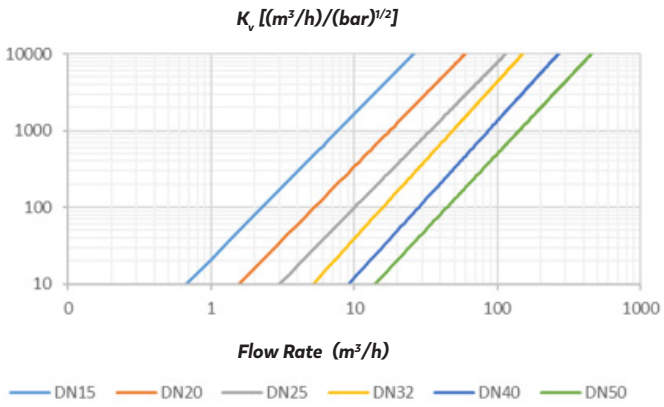
NOTE: All materials used to manufacture these valves are suitable for contact with water intended for human consumption.

KV FLOW COEFFICIENT

It is called Kv to the water quantity, in cubic meter per hour, which must pass through the valve to generate 1 bar pressure loss.

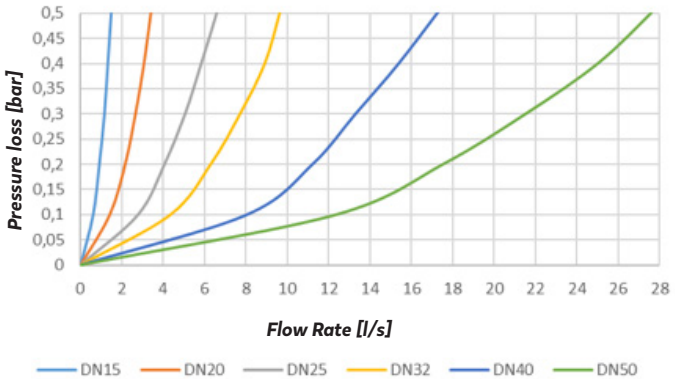
Each valve size has a Kv value.

Measure	*1/2"*	*3/4"*	*1"*	*1.1/4"*	*1.1/2"*	*2"*
K_v *[(m³/h)/(bar)$^{1/2}$]*	7,5	17,5	33	50	88	141

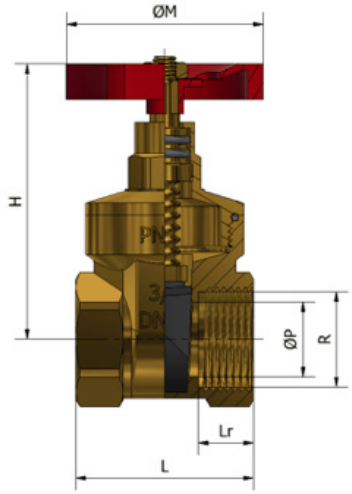


PRESSURE LOSS CHART

Pressure loss chart depending on the flow, according to EN 1267.



MAIN DIMENSIONS



			Dimensions (mm)				
Ref.	R	DN	ØP	Lr	L	H	ØM
0311001	1/2"	15	13	11	39	58	50
0311002	3/4"	20	19	14	45	69	50
0311003	1"	25	25	16,5	50,5	80	60
0311004	1, 1/4"	32	29	14	56	94	60
0311005	1, 1/2"	40	36	17	60,5	128	80
0311006	2"	50	45	17	64	142	80
0311007	2, 1/2"	65	60	23	100	170	100
0311008	3"	80	70	23	100	195	100
0311009	4"	100	99	23	107	260	130