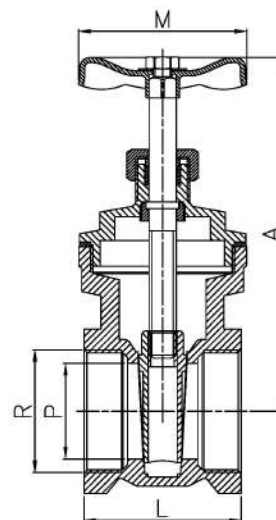
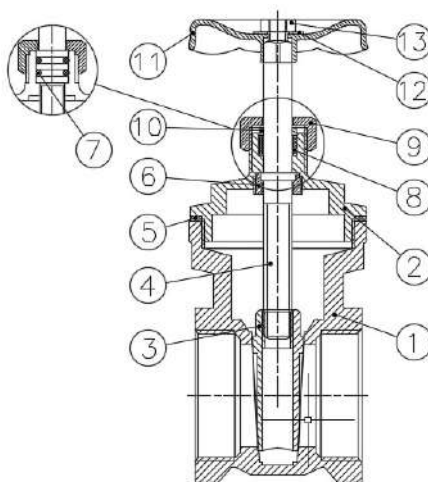


Art3222

PN16 Brass Gate Valve (NPT Threaded)

Features

1. Gate valve, standard bore.
2. Body in brass according to UNE-EN 12165.
3. Threads ends NPT Female-Female according to ANSI / ASME B 1.20.1.
4. Stem packing:
 - FKM o-ring from 1/2" to 1".
 - NBR o-ring from 1 1/4" to 1 1/2".
 - PTFE stem packing from 2" to 4".
5. Max. working pressure 16 bar (PN16).
6. Suitable for hot and cold water.
7. Working temperature range:
 - Air: -15°C to 105°C.
 - Water: 0°C to 110°C.



Nº	Name	Material	Surface Treatment
1	Cuerpo / Body	Latón / Brass (CW617N)	Granallado + Decapado / Peened + Pickling
2	Tapa / Bonnet	Latón / Brass (CW617N)	Granallado + Decapado / Peened + Pickling
3	Compuerta / Gate	Latón / Brass (CW617N)	-
4	Eje / Stem	Latón / Brass	-
5	Junta tapa / Bonnet joint	PTFE	-
6*	Contratuerca / Lock nut	Latón / Brass	-
7**	Juntas eje / Stem sealing	NBR or FKM	-
8	Anillo prensa / Stem packing	PTFE	-
9	Tuerca prensa / Packing nut	Latón / Brass	-
10	Anillo prensa / Packing ring	Latón / Brass	-
11	Volante / Wheel	Acero / Steel	Pintado Rojo / Red Painted
12	Arandela / Washer	Aluminio / Aluminum	-
13	Tuerca / Nut	Acero inox 201 / Stainless steel 201	-

* Lock nut only for sizes of 2" - 4"

** FKM stem sealing only for sizes of 1/2" - 1".

NBR stem sealing only for sizes of 1 1/4" - 1 1/2".



Ref	Size R	PN	P	Dimensions (mm)		M	Weight (Kg)
				A	L		
3222 04	1/2"	16	13	64	37	50	0,161
3222 05	3/4"	16	15	67	43	55	0,208
3222 06	1"	16	19,5	73	46	60	0,286
3222 07	1 1/4"	16	27	90	51,5	60	0,469
3222 08	1 1/2"	16	33	100	54	70	0,611
3222 09	2"	16	42	126	62,8	90	1,029
3222 10	2 1/2"	16	57	159	68	100	1,946
3222 11	3"	16	70	189	83	110	2,536
3222 12	4"	16	91	238	92	125	4,457

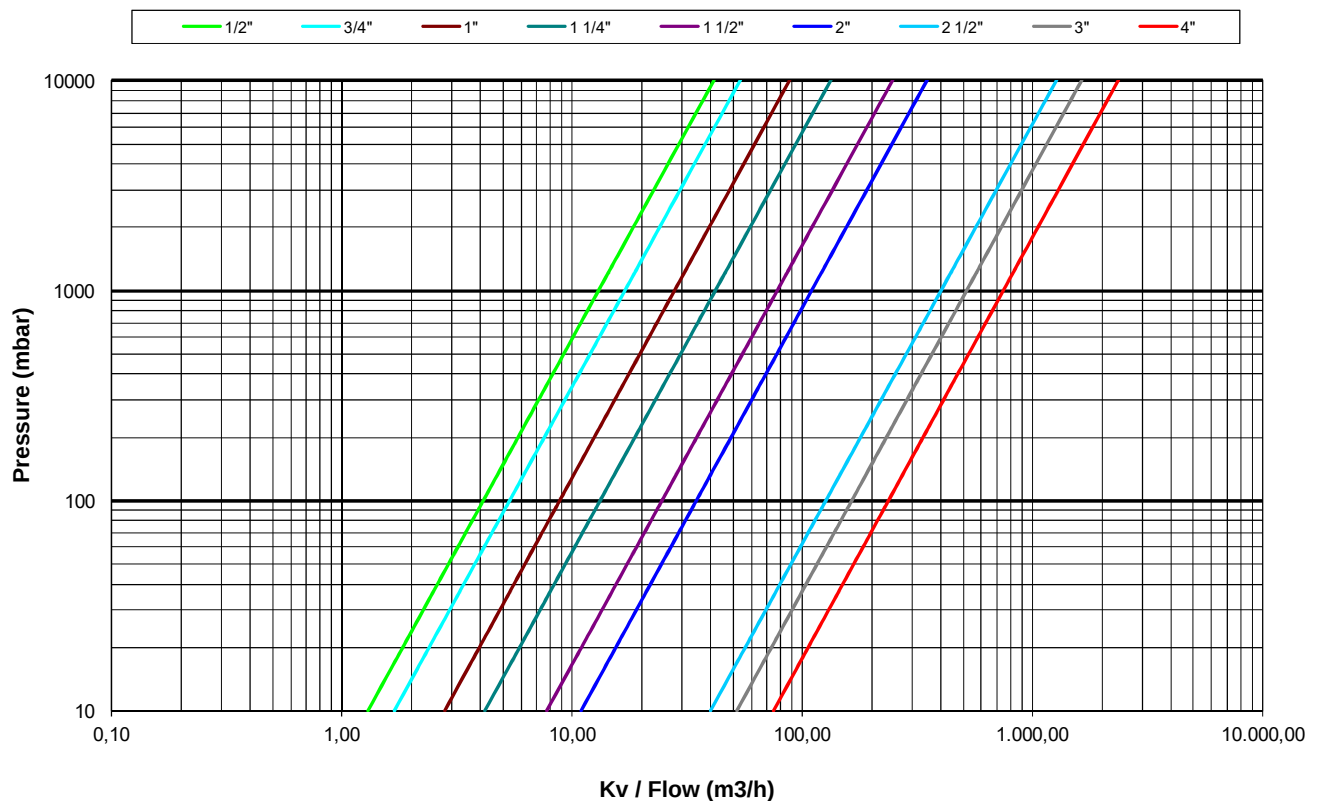
Kv Values

Water flow rate of water in cubic meters per hour that will generate a 1 bar pressure drop across the valve.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Kv	6	17	28	42	78	110	400	520	750

Head Loss Chart

Threaded ends full bore ball valves)





Pressure/Temperature Rating

