

Gate Valves

Designed for use in distribution of fluids such as water, and neutral fluids in a wide range of temperatures and working conditions.



Wheel Type



Extension Shaft for Square Key Type



Resilient



Robust



Durable

/ Benefits & Features

- **Outstanding performance** The pitch diameter of this type of valve is equal to the nominal diameter when the valve is in totally open position. In this way minimum load losses are obtained
- **Ultimated durability** Its configuration guarantees complete and directional tightness in its entire range of pressures, with smooth movement of the shaft during its entire travel
- **Extremely versatile** Resilient seat, operated by handwheel, square cap or extendable shaft according to the application

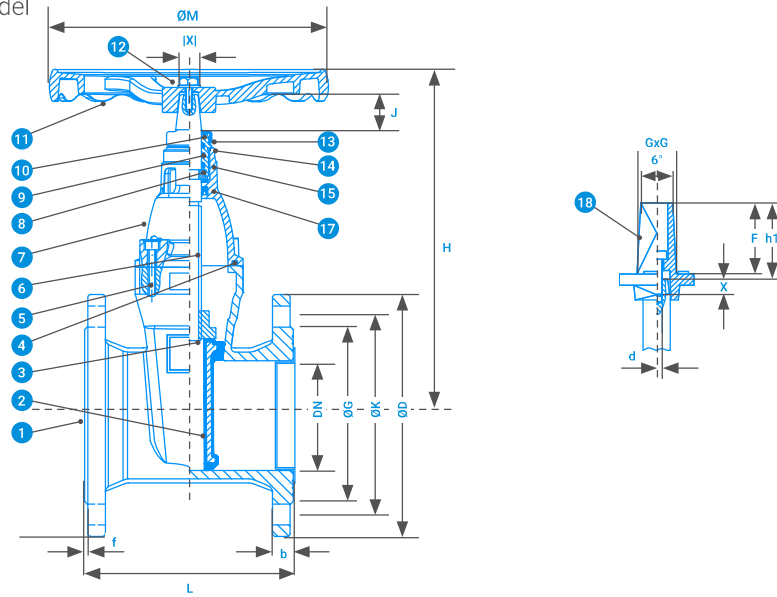
/ Specifications & Recommendations

- **Type** – Non-rising stem
- **Pressure Grade** – PN16
- **Working Pressure** – 16bar
- **Available Diameters** – DN50 to DN600
- **Working Temperature** – 0°C to 80°C
- **Connection** – Flange
- **Coating** – Fusion bonded epoxy 250µm

* Other materials and specifications upon request.

→ Technical Dimensions

for PN 16 Narrow Model



Dimensions (mm)																	
DN	Shape					Flanges PN16					Square stem						
	L(F4)	L(F5)	H	M	J	D	K	G	b	f	IXI	h1	GxG	F	d	X	
50	150	250	215	200	30	165	125	99	19	3	14 x 14	285	35x35	63	M8	15	
65	170	270	235	200	30	185	145	118	19	3	14 x 14	300	35x35	63	M8	15	
80	180	280	265	254	30	200	160	132	19	3	17 x 17	320	35x35	63	M8	15	
100	190	300	315	254	32	220	180	156	19	3	17 x 17	390	35x35	63	M8	15	
125	200	325	350	315	32	250	210	184	19	3	19 x 19	430	35x35	63	M8	15	
150	210	350	385	315	32	285	240	211	19	3	19 x 19	470	35x35	63	M8	15	
200	230	400	485	315	35	340	295	266	20	3	19 x 19	560	35x35	63	M8	15	
250	250	450	600	406	35	405	355	319	22	3	24 x 24	680	35x35	63	M10	15	
300	270	500	680	406	35	460	410	370	24.5	4	24 x 24	770	35x35	63	M10	15	
350	290	550	810	500	45	520	470	429	26.5	4	27 x 27	900	48x48	75	M10	20	
400	310	600	890	500	45	580	525	480	28	4	27 x 27	1000	48x48	75	M10	20	
450	330	650	1050	500	50	640	585	548	30	4	27 x 27	1150	48x48	75	M10	20	
500	350	700	1230	650	55	715	650	609	31.5	4	30 x 30	1330	48x48	75	M12	20	
600	390	800	1260	650	55	840	770	720	36	5	30 x 30	1500	48x48	75	M12	20	

for Hole Size Assembly

		PN10		PN16		ANSI150		BSTD	
		K	n-d	K	n-d	K	n-d	K	n-d
2"	50	125	4 x 19	125	4 x 19	121	4 x 19	114	4 x 18
2-1/2"	65	145	4 x 19	145	4 x 19	140	4 x 19	127	4 x 18
3"	80	160	8 x 19	160	8 x 19	152	4 x 19	146	4 x 18
4"	100	180	8 x 19	180	8 x 19	191	8 x 19	178	4 x 18
5"	125	210	8 x 19	210	8 x 19	216	8 x 22	210	4 x 18
6"	150	240	8 x 23	240	8 x 23	241	8 x 22	235	8 x 18
8"	200	295	8 x 23	295	12 x 23	298	8 x 22	292	8 x 18
10"	250	350	12 x 23	355	12 x 28	362	12 x 25	356	8 x 22
12"	300	400	12 x 23	410	12 x 28	432	12 x 25	406	12 x 22
14"	350	460	16 x 23	470	16 x 28	476	12 x 29	470	12 x 26
16"	400	515	16 x 28	525	16 x 31	540	16 x 29	521	12 x 26
18"	450	565	20 x 28	585	20 x 31	578	16 x 32	584	12 x 26
20"	500	620	20 x 28	650	20 x 34	635	20 x 32	641	16 x 26
24"	600	725	20 x 31	770	20 x 37	749	20 x 35	756	16 x 30

→ Material Specification

for PN16 Narrow Model

	Component	Material	Specification
1	Body	Ductile iron	GGG50
2	Disc	Ductile iron + EPDM	GGG50
3	Shaft nut	Brass	CuZn39Pb2
4	Cover seal	NBR	UNE-EN 681-1
5	Cover screws	Stainless steel	A2(AISI 304)
6	Shaft	Stainless steel	AISI 420
7	Cover	Ductile iron	GGG50
8	Clamping ring	Brass	CuZn39Pb2
9	O-ring	NBR	UNE-EN 681-1
10	Thrust nut	Brass	CuZn39Pb2
11	Handwheel	Ductile iron	GGG50
12	Screw	Stainless steel	A2(AISI 304)
13	Dust protectors	NBR	UNE-EN 681-1
14	O-ring	NBR	UNE-EN 681-1
15	O-ring	NBR	UNE-EN 681-1
16	Units separated of nylon	Nylon 66	
17	Self-closing ring	NBR	UNE-EN 681-1
18	Square stem	Ductile iron	GGG50

→ Catalog Numbers

Description	Operation	Connection Type		
		ISO	BSTD	ANSI
2"	Wheel	71660-000870	71660-000871	71660-000872
	Square key **	71660-000873	71660-000874	71660-000875
3"	Wheel	71660-000880	71660-000881	71660-000882
	Square key **	71660-000883	71660-000884	71660-000885
4"	Wheel	71660-000890	71660-000891	71660-000892
	Square key **	71660-000893	71660-000894	71660-000895
6"	Wheel	71660-000900	71660-000901	71660-000902
	Square key **	71660-000903	71660-000904	71660-000905
8"	Wheel	71660-000910	71660-000911	71660-000912
	Square key **	71660-000913	71660-000914	71660-000915
10"	Wheel	71660-000920	71660-000921	71660-000922
	Square key **	71660-000923	71660-000924	71660-000925
12"	Wheel	71660-000930	71660-000931	71660-000932
	Square key **	71660-000933	71660-000934	71660-000935

* Additional diameters, materials and specifications available upon request

** Extension shaft is available upon request for any square key gate valve