

Gate Valve G100-F4

SPECIFICATIONS

Nominal diameter	DN40-DN600
Media temperature	-10°C-80°C
Pressure Range	16 bars
Permissible medium	Clear water, Fire protection, irrigation, sewage
Flange Connection	PN10/16
Design standard	EN1171, EN1074
Face to face dimension	EN 558-1, DIN3202 F4/F5, BS5163
Flange drilling	EN 1092-2
Tightness test	EN 12266-1.EN 12266-1
Epoxy coating	150 μ m (standard), other thickness on request



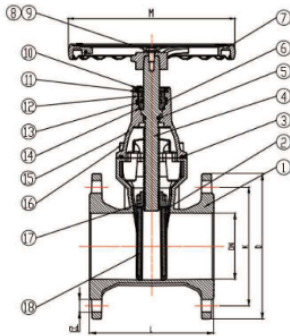
FEATURES

- * Excellent performance: low pressure drop and low torque.
- * Full bore design.
- * Wedge fully encapsulated in moulded EPDM.
- * Linear sealing design provides better sealing and lower closing torque.
- * Three independant stem seals offering triple safety: PTFE dust cover protects against dirt outside; A polyamid bearing with 3 NBR O-rings protects against galvanic corrosion.
- * Operation: valve could be operated by hand wheel/head cap/worm gear/electric actuator.

DIMENSIONS

DN (mm)	DN (inch)	L	D	K	n-d	Kg
40	1 1/2	140	150	110	4-ø19	9.1
50	2	150	165	125	4-ø19	9.1
65	2 1/2	170	185	145	4-ø19	12.5
80	3	180	200	160	8-ø19	16
100	4	190	220	180	8-ø19	14.9
125	5	200	250	210	8-ø19	19.9
150	6	210	285	240	8-ø23	23.7
200	8	230	340	295	8-ø23/12-ø23	31.4
250	10	250	405	355	12-ø23/12-ø28	49.8
300	12	270	460	410	12-ø23/12-ø28	80.7
350	14	290	520	470	16-ø23/16-ø28	109.7
400	16	310	580	525	16-ø28/16-ø31	180
450	18	330	640	585	20-ø28/20-ø31	234
500	20	350	670/715	620/650	20-ø28/20-ø34	360
600	24	390	780/840	725/770	20-ø31/20-ø37	756

PARTS LIST



Part	Material
1 - Body	GGG50
2 - Disc	EPDM-GGG50
3 - Bonnet Gasket	NBR
4 - Stem	SS420
5 - O Ring	NBR
6 - Locating Sleeve	CuZn40
7 - Handwheel	GGG50
8 - Bolts	A2-70
9 - Washers	A2-70
10 - Dust Cover	PTFE
11 - Clip Spring	C15
12 - Positioning Block	CuZn10
13 - O Ring	NBR
14 - O Ring	NBR
15 - Bonnet	GGG50
16 - Screw	C15
17 - Stem Nut	CuZn40
18 - Iron Core	GGG50

Design and structure

