

Gate Valve according DIN EN 1171

Metal Seated

Face to Face: DIN EN 558-1 Series 14

Pressure Rating: PN 1 - PN10

Material of Construction: Ductile Cast Iron GGG 40/50



DN 40 - DN 1600

Catalogue No: 02-2011400

Range of application: Potable water and waste water

Size DN	Pressure rating PN	Hydrost. test pressure in bar		Admissible working pressure in bar up to 70°C
		Body	Seat	
40 - 150	10	15	10	10
200 - 300	6	9	6	6
350 - 500	4	6	4	4
600 - 700	2.5	3.75	2.5	2.5
800	1.6	2.4	1.6	1.6
900 - 1600	1	1.5	1	1

In case of order please specify the working conditions

Other working temperatures possible on request

Materials / Equipment

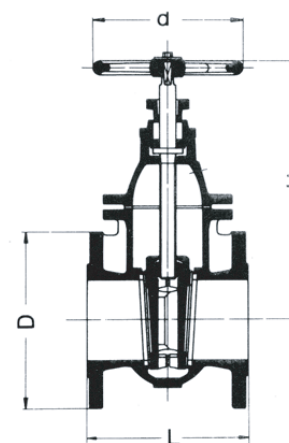
Catalogue No.	02-2011400
Body	GGG 40/50
Bonnet	GGG 40/50
Wedge	GGG 40/50
Seatrings in the body	Gunmetal
Seatrings on the wedge	Gunmetal
Stem	Stainless steel 1.4021
Stem nut	Gunmetal
Stem guide bush	Gunmetal
O-rings	EPDM or NBR
Bolts and nuts	Stainless steel A2
Corrosion protection	Epoxy powder coated RAL 5015
Handwheel	Steel, black coated



Size	Face to face length acc. to DIN EN 558-1 /Series 14	Flange ∅	Dimensions		Weight kg	Volume m³
			D mm	d mm		
DN mm	L mm	D mm	H mm	d mm	kg	m³
40	140	150	240	140	8	0.01
50	150	165	255	140	10	0.01
65	170	185	295	160	14	0.02
80	180	200	315	160	18	0.02
100	190	220	345	180	22	0.03
125	200	250	400	200	29	0.04
150	210	285	430	200	35	0.06
200	230	340	525	225	62	0.06
250	250	395	625	280	90	0.08
270	270	445	725	320	117	0.12
350	290	505	830	360	162	0.17
400	310	565	945	360	211	0.23
450	330	615	1025	400	268	0.27
500	350	670	1120	500	340	0.34
600	390	780	1300	500	500	0.55
700	430	895	1480	640	720	0.78
800	470	1015	1710	720	1,100	1.08
900	510	1115	1880	800	1,300	1.45
1000	550	1230	2030	800	1,500	1.80
1200	630	1455	2435	800	2,900	2.90
1400	710	1675	2850	1000	4,900	4.40
1600	790	1915	3000	1000	7,200	6.10

We reserve the right to make technical modifications

Flanges PN 10



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ISO 9001

BUREAU VERITAS
Certification



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