

GATE VALVE

WITH BRASS SEAT MODEL B7000

RESILIENT SEATED | NON RISING STEM



PN16

NOMINAL PRESSURE



MATERIAL & MANUFACTURING STANDARD

- Structure length comply with ASTM A536
- Inspection and test standards comply with BS-EN 12266-1:2012 for Shell and Seat Testing
- The valve body side flange conform to EN 1092 - 1

COATING SPECIFICATIONS

- The internal coating applied to the submitted valves is a fusion bonded epoxy (FBE) coating.
- The coating is specifically designed for potable water applications and complies with the requirements of AWWA C550 and Saudi Aramco Engineering Standard SAES-S-133.
- The dry film thickness (DFT) of the epoxy coating is ≥ 300 microns, as verified by the manufacturer's quality control process.

INSPECTION SPECIFICATIONS

	Nominal Pressure	1.6 MPa
	Seal Test Pressure	1.76 MPa
	Shell Test Pressure	2.4 MPa
	Suitable Media	Water
	Suitable Temperature	-10 ~ 150°C

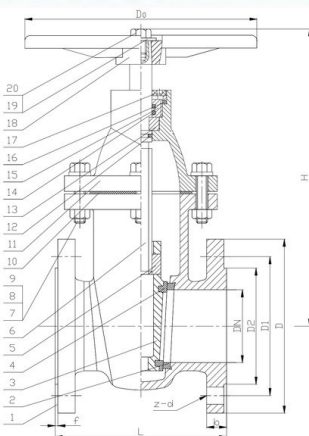
INTRODUCTION

The valves disc is Brass to get excellent sealing effect. Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space.

APPLICATION

- Industrial plants
- Sewage water
- Water treatment
- Air-conditioning systems (HVAC)
- Central heating and cooling circuits
- Non-aggressive fluids
- Tanks
- Irrigation

TECHNICAL DRAWING



All dimensions are in millimeters.

MATERIAL SPECIFICATION

No.	Part	Material
1	Body	DI
2	Body seat ring	Brass
3	Wedge	DI
4	Wedge seat ring	Brass
5	Stem nut	Brass
6	Stem	2Cr13
7	Bonnet bolt	Carbon Steel
8	Nut	Carbon Steel
9	Washer	Carbon Steel
10	Gasket	NBR
11	Bonnet nut	DI
12	O-Ring	NBR
13	Locating ring	Brass
14	O-Ring	NBR
15	Bonnet nut	Brass
16	Minipad	TFL
17	Dust ring	NBR
18	Wheel	DI
19	Washer	Carbon Steel
20	Bolt	Carbon Steel

DE: Ductile Iron

DIMENSIONS (mm)

Part Number	DN	D	D1	D2	L	b	H	f	z-d	Do
B7050	50	165	125	99	150	20	232	3	4-19	200
B7065	65	185	145	118	170	20	258	3	4-19	200
B7080	80	200	160	132	180	22	281	3	8-19	220
B7100	100	220	180	156	190	24	315	3	8-19	250
B7125	125	250	210	184	200	26	358	3	8-19	280
B7150	150	285	240	211	210	26	408	3	8-23	280
B7200	200	340	295	266	230	30	500	3	12-23	320
B7250	250	405	355	319	250	32	572	3	12-23	350
B7300	300	460	410	370	270	32	662	4	12-23	400
B7350	350	520	470	429	290	36	751	4	16-23	450
B7400	400	580	525	480	310	38	832	4	16-31	450

Flange drilling conforms to EN 1092-1 (PN16).



RELIABLE
PERFORMANCE



DURABLE
DESIGN



CORROSION
RESISTANT



EASY
MAINTENANCE



HIGH
PERFORMANCE

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