



Gate Valve with Brass Seat Model B7000

Product Data



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

Material and 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	1.6MPa
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Seal Test pressure	1.76MPa
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Shell Test pressure	2.4MPa
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Suitable media	Water
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Suitable Temperature	-10 ~ 150°C
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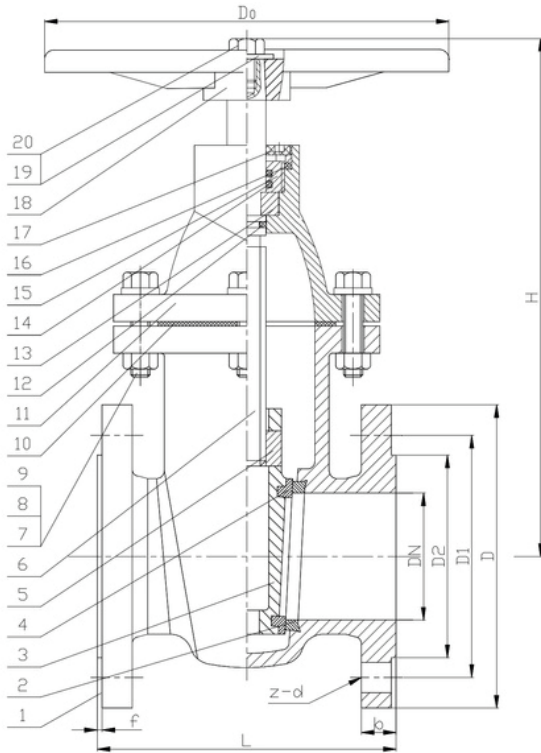
BARIQ Valves Manufacturer
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رؤية
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KINGDOM OF SAUDI ARABIA



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Technical Specification:



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

Parameters:

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

