

RESILIENT SEATED GATE VALVE BS5163 DN700-DN1200



Part & Materials		
NO	Part	Material
1	Body	Ductile Iron GGG50
2	Wedge	Ductile Iron GGG50 +EPDM
3	Stem Nut	Brass
4	Stem	SS420
5	Bolts	CS Gr 12.9
6	Gasket	EPDM
7	Bonnet	Ductile Iron GGG50
8	Locating Ring	Brass
9	O Ring	EPDM
10	Gland	Ductile Iron GGG50
11	O Ring	EPDM
12	Bolts	CS/A2-70
13	Spur/Bevel gear	Ductile Iron GGG50
14	Cap/Handwheel	Ductile Iron GGG50

Technical Data		
NO	Description	Specification
1	Nominal Dia	DN700-DN1200
2	Nominal Pressure	PN10&PN16
3	Valve Design Standard	BS5163
4	Face to Face Standard	EN558&ISO5752 Series-3
5	Flange Standard Conformity	EN1092-2
6	Testing Standard	EN12266-1
7	Epoxy Coating	Epoxy powder coating with minimum thickness of 250 microns inside and outside.
8	Testing Pressure	
	Shell Test	PN*1.5Times
	Sealing Test	PN*1.1Times
9	Working Temperature(Max)	120°C

DIMENSIONS (MM)

PN10									
DN	A	L	D	C	B	n-Φd	b	f	H
DN700	700	610	895	840	794	24-31	32.5	5	1320
DN750	700	610	960	900	854	24-31	32.5	5	1320
DN800	800	660	1015	950	901	24-34	35	5	1490
DN900	900	711	1115	1050	1001	28-34	37.5	5	1675
DN1000	1000	813	1230	1160	1112	28-37	40	5	1850
DN1100	1100	813	1340	1270	1218	32-37	42	5	2050
DN1200	1200	1015	1455	1380	1328	32-40	45	5	2160

PN16									
DN	A	L	D	C	B	n-Φd	b	f	H
DN700	700	610	910	840	794	24-37	39.5	5	1320
DN750	700	610	970	900	854	24-37	41	5	1320
DN800	800	660	1025	950	901	24-40	43	5	1490
DN900	900	711	1125	1050	1001	28-40	46	5	1675
DN1000	1000	813	1255	1170	1112	28-43	50	5	1850
DN1100	1100	813	1355	1270	1218	32-43	53.5	5	2050
DN1200	1200	1015	1485	1390	1328	32-49	57	5	2160

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