

Gate Valve Ductile Iron BS 5163

Flanged BS4504 PN16, Cast Iron Body, Epoxy Coated, Bronze Trim, Inside Screw, Non Rising Stem

Pressure/Temperature Chart

Pressure	PN16 Rated
Temperature	-10°C to 70°C

Dimensions

DN	A	B	C	E	Kg	WRAS
50	178	165	282	180	23	Y
65	190	185	313	180	24	N
80	203	200	398	205	26	Y
100	229	220	424	205	31	Y
150	267	285	525	280	58	Y
200	292	340	638	320	87	N
250	330	405	740	360	131	N
300	356	460	840	450	186	N

Material List

Item	Item Name	Material	Specification
1	Body	Ductile Iron	BS EN 1563 Gr 500/7
2	Body Seat Ring	Copper Alloy	BS EN 1982
3	Wedge Seat Ring	Copper Alloy	BS EN 1982
4	Wedge	Ductile Iron	BS EN 1563 Gr 500/7
5	Stem Nut	Copper Alloy	BS EN 1982
6	Stem	Stainless Steel	BS EN 10088
7	Bolt	BZP Steel	BS 3692 Gr 8.8
8	Body Gasket	EPDM	WRAS Listed
9	Bonnet	Ductile Iron	BS EN 1563 Gr 500/7
10	O-Ring	EPDM	WRAS Listed
11	Thrust Collar	Copper Alloy	BS EN 1982
12	O-Ring	EPDM	WRAS Listed
13	O-Ring	EPDM	WRAS Listed
14	Dust Seal	EPDM	WRAS Listed
15	Bush	Copper Alloy	BS EN 1982
16	Seal Housing	Ductile Iron	BS EN 1563 Gr 500/7
17	Handwheel	Ductile Iron	BS EN 1563 Gr 500/7
18	Washer	Stainless Steel	BS EN 10088
19	Bolt	Stainless Steel	BS EN 10088
20*	Sealing Housing Bolt	BZP Steel	BS 3692 Gr 8.8
21	Drain Plug	Stainless Steel	BS EN 10088
22	Gasket	PTFE	WRAS Listed
23	Stem Cap	Ductile Iron	BS EN 1563 Gr 500/7

* Seal Housing Bolts not shown.

