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Metal Seated Gate Valve BS 5163 - BSEN 1171 - Flanged PN16

Size Range : 50mm - 600mm

Industrial Valves - Metal Seated Gate Valves

Size Range 50mm - 600mm

Conforms to BS 5163 and BSEN 1171

High Strength Ductile Iron Body/Bonnet & Disc.

Stainless Steel spindle 431S29 as standard.

Bronze Body Seats and Disc Seats.

EPDM O-Ring Seals replaceable in situ.

Flanges PN16 - BS EN 1092 as standard.

Valves can be supplied with ISO Mounting Flanges.

Flanges have integral foot pads.

Valves fitted with A2 bolts and drain plug as standard.

Bonnet bolts are wax covered for extra protection.

FBE coating protection to 250 Microns as standard.



Valve with ISO Top - Bare shaft

Options:

- * Anti-clock closing available
- * Flanges can be drilled PN10 or ANSI.
- * PN25 Flanged version available.
- * Open/close indicator and switch
- * Can be supplied complete with actuator
- * Available with spur or bevel Gearbox.
- * Upgraded Spindle & Bolt spec to A4/316

All options subject to agreed lead times.

Accessories: Tee- Keys, Extension Spinles, Guide Brackets.



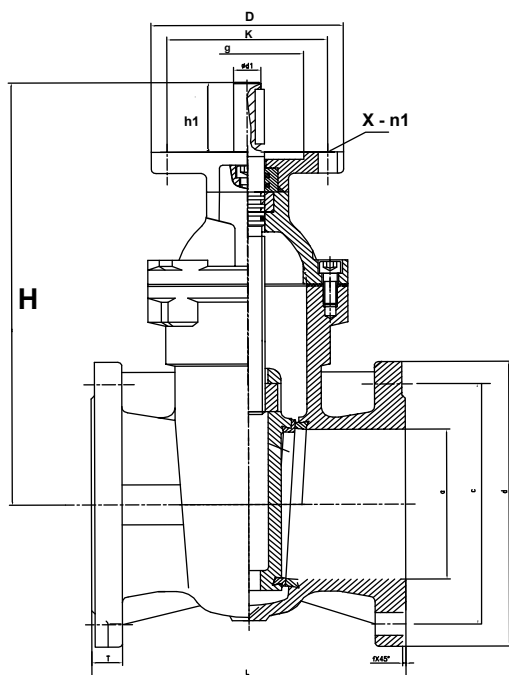
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Size Range : 50mm - 600mm



Description	Material	Standard
Body	Ductile Iron GGG50	BS 2789 - DIN 1563
Bonnet	Ductile Iron GGG50	BS 2789 - DIN 1563
Top Cover	Ductile Iron GGG50	BS 2789 - DIN 1563
Wedge Disc	Ductile Iron GGG50	BS 2789 - DIN 1563
Stem	Stainless Steel 431S29	BS 970-431S297 DIN 1.4057
Body Seat	Bronze	BS 1400 - LG2 - DIN 1705
Disc Seat	Bronze	BS 1400 - LG2 - DIN 1705
Thrust Ring	Copper Alloy	BS 1982 ZhMn58-2
Wedge Nut	Copper Alloy	BS 1982 ZhMn58-2
O-Rings	NBR or EPDM	BS 6920
Drain Plug	Stainless Steel	BS 970-304 - A2
Cover Bolts	Stainless Steel A2	BS 970-304 - A2
	Options subject to lead times	
Stem	SS304 or SS316	PN25 Rated valve available to 300
Bolts	Stainless A4	

DN (mm)	Face -Face L - mm BS5163 short	Height H Cap Top	Height H ISO TOP	Flange OD	Flange PCD	Flange Bolt Holes Nr x Size	Flange Thickness T	No of Turns to close. Bare-Shaft	ISO Top Flange	ISO Top Flange OD	ISO Top Drilling	ISO Top PCD	ISO Top Stem Dia. mm	Key Size Mm ISO Top Only	Approx Torque At 16 bar Differential INM	Appx KG
50mm	178	262	250	165	125	4 x 19	19	6	F10	125	4 x 12mm	102	20	6 x 6	40	21 kg
65mm	190	291	275	185	145	4 x 19	20	6.5	F10	125	4 x 12mm	102	20	6 x 6	50	24 kg
80mm	203	343	320	200	160	8 x 19	22	7.5	F10	125	4 x 12mm	102	20	6 x 6	60	26 kg
100mm	229	371	350	220	180	8 x 19	22	9	F10	125	4 x 12mm	102	20	6 x 6	80	30 kg
125mm	254	428	410	250	210	8 x 19	22	11	F10	125	4 x 12mm	102	20	6 x 6	120	45 kg
150mm	267	488	460	285	240	8 x 23	22	14	F10	125	4 x 12mm	102	20	6 x 6	140	54 kg
200mm	292	570	550	340	295	12 x 23	24	18	F14	175	4 x 18mm	140	30	8 x 7	210	76 kg
250mm	330	675	645	405	355	12 x 28	25	22	F14	175	4 x 18mm	140	30	8 x 7	270	118 kg
300mm	356	778	740	460	410	12 x 28	25	26	F14	175	4 x 18mm	140	30	8 x 7	360	170 kg
350mm	381	950	915	520	470	16 x 28	27	32	F16	210	4 x 23mm	165	40	12 x 8	460	330 kg
400mm	406	1035	915	580	525	16 x 31	28	36	F16	210	4 x 23mm	165	40	12 x 8	580	395 kg
450mm	432	1165	1140	640	585	20 x 31	30	40	F16	210	4 x 23mm	165	40	12 x 8	710	525 kg
500mm	457	1230	1220	715	650	20 x 34	32	45	F16	210	4 x 23mm	165	40	12 x 8	945	620 kg
600mm	508	1390	1360	840	770	20 x 37	36	52	F16	210	4 x 23mm	165	40	12 x 8	1250	920 kg

Gate Valves should normally be installed in the upright position where possible.
For sizes above 300mm, these should be supported using internal guides and slippers if the valve is to be installed on its side.