

Ductile Iron Gate Valve - Flanged PN16

Specification

- Valves comply with EN1171-2002 , MSS SP-70.
- Metal seat.
- Inside screw.
- Flanges to EN1092-2 PN16
- Face to face length in accordance with EN558-1 basic series 3 and ASME B16.10-2000.

Working Pressure

- 16bar for EN1171 valves
- 200psi for MSS SP-70 valve

Working Temperature

-10°C to 120°C

Material Specification

Part Name	Materials	EN Spec.	ASTM Spec.
Body	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
Body Trim	Bronze	EN1982 CC491K	ASTM B62 C83600
Wedge Trim	Bronze	EN1982 CC491K	ASTM B62 C83600
Wedge	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
Wedge Nut	Bronze	EN1982 CC491K	ASTM B62 C83600
Stem	Brass	CuZn39Pb3	ASTM B16 C36000
	Stainless Steel	BS970 420S37	AISI 420
Bonnet	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
Gasket	Graphite	Non-asbestos	Non-asbestos
Stuffing Box	Ductile Iron	EN-JS1050	ASTM A536 65-45-12
Packing	Graphite	Non-asbestos	Non-asbestos
Handwheel	Ductile Iron	EN-JS1050	ASTM A536 65-45-12

Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	178	190	203	229	254	267	292	330	356
H	260	285	310	350	400	445	600	720	830
D	190	190	190	250	305	305	356	405	457
Weight(kg)	14	16	19	32	44	53	92	150	219

Drawing and Picture

