

OS&Y GATE VALVE , RESILIENT SEALED
Size DN50-DN300 PN16/ANSI 125

FIG · 3233

Specification

- Valves comply with AWWA C515.
- Resilient sealing.
- Outside screw.
- Superior stem graphite packing.
- Packing replaceable under pressure.
- Available with handwheel or gearbox (bevel or spur gearbox).
- Available with flanges to EN1092-2 PN10 or PN16, ANSI B16.1 Class125 (Other types available on request).
- Face to face length in accordance with EN558-1 basic series 3, ASME B16.10-2000.

Working Pressure

- 16bar

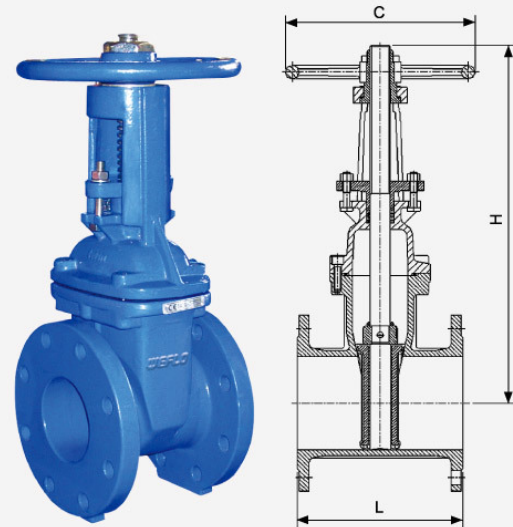
Working Temperature

- -10°C to 120°C

Material Specification

Component	Materials	EN Spec.	ASTM Spec.
Body	Ductile Iron	EN-JS1050	A536 65-45-12
Bonnet	Ductile Iron	EN-JS1050	A536 65-45-12
Wedge	Ductile Iron with EPDM Coated	EN-JS1050	A536 65-45-12
Stem	Stainless Steel	BS970 420S37	AISI 420
Gasket	EPDM	Commercial	Commercial
Wedge Nut	Stainless Steel	BS970 304S15	AISI 304
Bolts on bonnet flange	Carbon Steel	Commercial	Commercial
Gland	Ductile Iron	EN-JS1050	A536 65-45-12
Gland bolts	Stainless Steel	BS970 304S15	AISI 304
Yoke Nut	Bronze	EN1982 CC491K	B62 C83600
Handwheel	Ductile Iron	EN-JS1050	A536 65-45-12
Handwheel Nut	Ductile Iron	EN-JS1050	A536 65-45-12

Drawing and Picture



Corrosion Protection

- Internally and externally 250 microns minimum fusion bonded epoxy powder coated (FBE).

Notes: Design and material are subject to change without notice.

Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	178	190.5	203	229	254	267	292	330	356
H(Open)	385	415	480	550	655	740	930	1130	1320
D(Close)	320	350	400	450	530	590	730	880	1020
D	184	184	254	254	305	305	356	445	445
Weight(kg)	16	18	28	30	38	53	75	125	175