

OS&Y Gate Valve, Metal Seated PN16/PN25

FIG · 3111

Specifications

- Comply with EN1171, BS5150, BS3464 or MSS SP-70.
- Metal seat: Bronze or Stainless Steel.
- Adjustable stem seal.
- Available with handwheel, gearbox or actuator.
- Available with flanges EN1092-2 PN16 or ANSI B16.1 Class125 (Other types available on request).
- Face to face dimensions in accordance with:
EN 558-1 basic series 3, series 14 or series 15,
ASME B16.10.
- GOST Certification

Working Pressure

- 16 bar for all sizes.
- 25 bar for DN50-DN300.

Working Temperature

- -10°C to 120°C.

Corrosion Protection

- Internally and externally liquid epoxy painted.

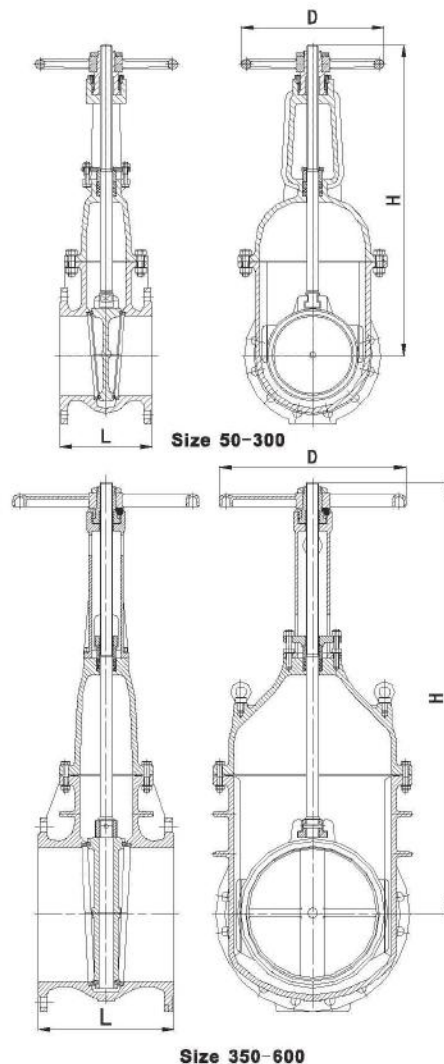
Notes:

Design and material are subject to change without notice.

Material Specifications

Part Name	Materials	EN Spec.	ASTM Spec.
Body	Ductile Iron	EN-JS1050	A536 65-45-12
Bonnet	Ductile Iron	EN-JS1050	A536 65-45-12
Seat	Stainless Steel	BS970 304S15	A351 CF8
	Bronze	EN1982 CC491K	B62 C83600
Wedge	Ductile Iron	EN-JS1050	A536 65-45-12
Wedg Trim	Stainless Steel	BS970 304S15	A351 CF8
	Bronze	EN1982 CC491K	B62 C83600
Stem	Stainless Steel	BS970 420S37	AISI 420
	Brass	CuZn39Pb3	B16 C36000
Stem Nut	Brass	High Strength Brass	
Gasket	Graphite	Non-asbestos	Non-asbestos
Packing	Graphite	Non-asbestos	Non-asbestos
Packing Nut	Stainless Steel	BS970 304S15	AISI 304
Bonnet Bolts & Nuts	Carbon Steel	Grade 4.8	A307B
Handwheel	Ductile Iron	EN-JS1050	A536 65-45-12

Schematic



Dimensions (mm)

Size	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	EN558-1 Series 3 ASME B16.10	178	191	203	229	254	267	292	330	356	381	406	432	508
	EN558-1 Series 14	150	170	180	190	200	210	230	250	270	290	310	330	390
	EN558-1 Series 15	250	270	280	300	325	350	400	450	500	550	600	650	800
	BS 3464	146	159	165	171	191	210	241	273	305	—	—	—	—
	H	362	427	508	620	709	809	990	1180	1352	1590	1720	1970	2450
D		183	183	254	254	305	305	355	455	455	558	558	610	610

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.