



DONKIN OUTSIDE SCREW UNIVERSAL WEDGE GATE VALVE

562/00

562/02

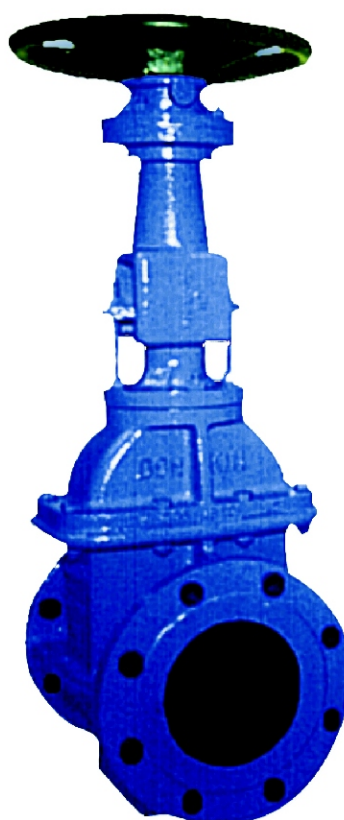
The Series 562 is an external screw, double faced, solid wedge gate valve, designed for the isolation and control of contaminated industrial gases such as coke oven gas and media such as flushing liquor, effluent and other aggressive liquids.

Features:

- Clear bore for under pressure drilling applications.
- Adjustable packed gland.
- Hard faced wedge seats with viton O rings.
- Asbestos free jointing.
- Complies with European pressure equipment directive (PED).
- Tapped and plugged boss for Draining and cleaning.

Options:

- Size range 80mm to 600mm.
- Actuation available.
- Inside screw (non rising stem) version available (561).
- Metal to metal wedge seats.



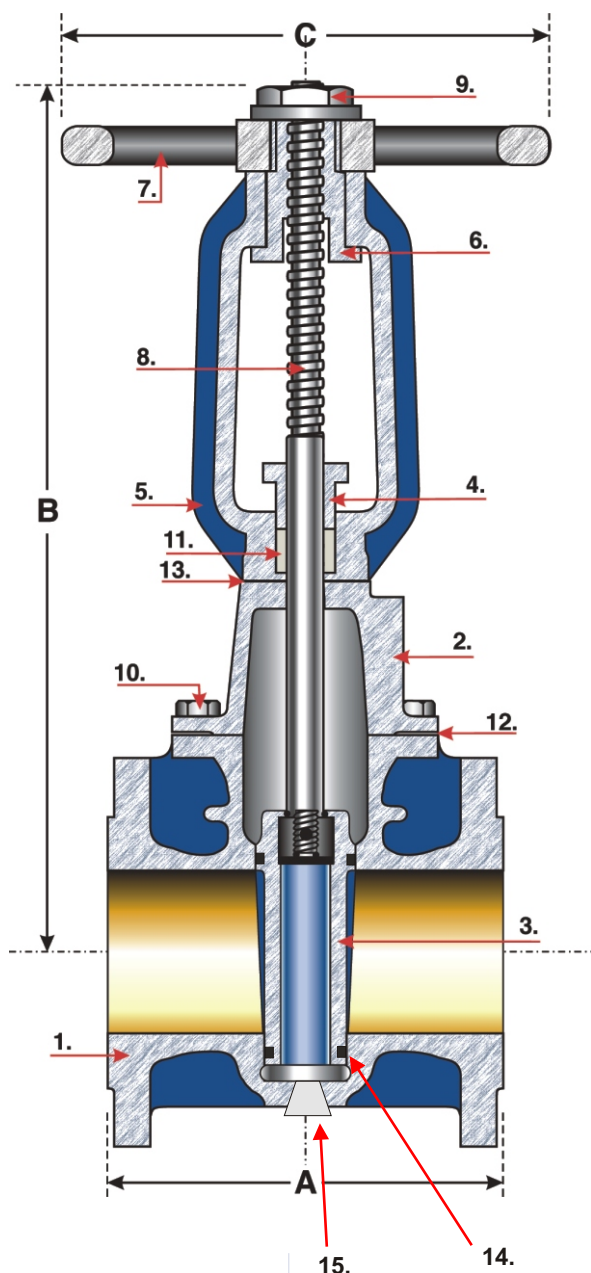
Dependant
on size



The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

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SERVICE CONDITIONS

Maximum working pressure:	7 Bar (100 psig). 80mm - 300mm pressure. 2 Bar (29 psig). 400mm - 600mm
Temperature range:	-10°C to 200°C

APPLICABLE STANDARDS

BS 5150, BS EN12266

MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Body	Cast iron. BS EN 1561 Grade 250.
2	Bonnet	Cast iron. BS EN 1561 Grade 250.
3	Wedge	Cast iron. BS EN 1561 Grade 250.
4	Gland	Carbon steel EN10087 11SMn30.
5	Yoke	Carbon Steel EN10025 S275JR
6	Bush	Cast iron. BS EN 1561 Grade 250.
7	Handwheel	Aluminum LM6.
8	Spindle	Carbon steel EN10087 11SMn30 or Stainless Steel EN10088 X8CrNiS18-9
9	Spindle Nut	SG iron BS EN 1563 Grade 450/10
10	Fasteners	Grade 8.8 steel
11	Gland	Packing PTFE Acrylic fibre yarn.
12	Body/Bonnet Gasket	Asbestos free fibre.
13	Bonnet/Yoke Joint	Exfoliated reinforced graphite or Asbestos free fibre (dependent upon valve size).
14	Wedge Seats	Viton
15	Drain/Cleaning plug	Mild steel.

DIMENSIONS (mm) & WEIGHTS

Size	A	B		C	Weight (kg)
		Open	Closed		
80	203	550	444	330	28
100	229	597	470	330	34
150	267	930	752	330	72
200	292	1069	833	330	103
250	330	1335	1052	400	194
300	356	1468	1132	400	265
400	406	1880	1445	500	361
450	432	2068	1578	500	500
500	457	*	*	500	600
600	508	2603	1956	500	894



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