



# DONKIN COKE OVEN VALVE

662

The Series 662 is a cast iron, double faced internal or external screw, solid wedge gate valve. Designed specifically for use on Coke Oven Plants, the outside screw version is suitable for duties where it is necessary to isolate the screw threads from the gas flow. To ease operation of the larger valves, thrust bearings are fitted to the spindle collars or bushes and, in addition on horizontally mounted valves, rollers can be fitted to the valve door.

## Features:

- Clear bore for under pressure drilling applications.
- Adjustable packed gland.
- Hard faced wedge seats with viton 'O' rings.
- Asbestos free jointing.
- Cleaning cover and draining points.

## Options:

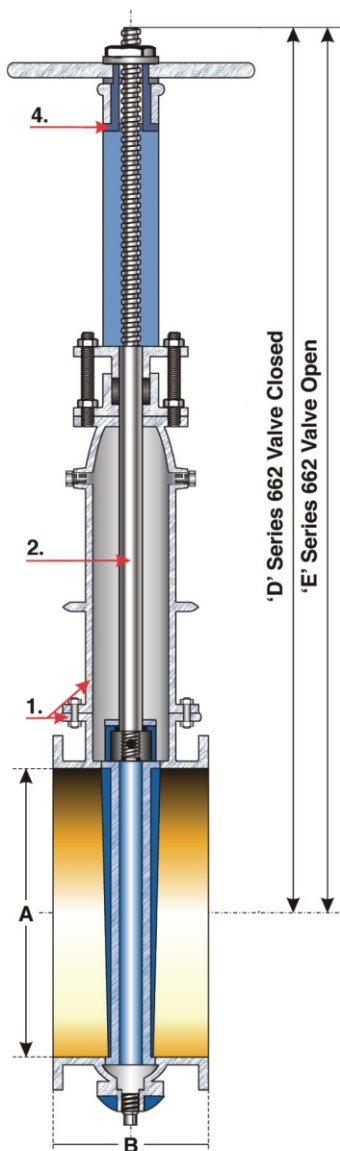
- Internal/external screw versions available.
- Can be fitted with water sealing facility.
- Sizes up to 1200mm (48") available upon request.
- Additional tapping points for cleaning/jetting.



Dependant  
on size



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



## SERVICE CONDITIONS

Suitable for working pressures of:  
 650mm to 900mm (26" to 36") sizes 0.35 bar (5psig)  
 Over 900mm (36") 0.25 bar (3.5psig)  
 Maximum Working Temperature: -10°C to 250°C

## APPLICABLE STANDARDS

BS 5150, BS EN12266.

## MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Valve Body, Bonnet, Wedge	Cast Iron. EN1561 - GJL 250.
2	Spindle	Carbon steel bar with square thread. BS 970 220M07 Option: Stainless steel BS 970 GR 316
4	Spindle bush (662)	Cast Iron. EN 1561 - GJL 250

## DIMENSIONS (mm) & WEIGHTS

Nominal Bore A	Face to Face B	Centre Line to Centre Line to End of Spindle Valve Closed D	Centre Line to Centre Line to End of Spindle Valve Closed E	No. of Turns to Open	Approx. Nett Weight Kg
675	381	2286	2997	29	737
750	406	2489	3277	32	916
825	470	2756	3626	35	1218
900	470	2965	3912	38	1321
1000	508	3315	4369	42	1901
1050	527	3441	4547	44	1928
1200	559	3899	5156	50	2668