OS&Y Resilient Seated Gate Valve

Model : BT 1406

BLAZE

Description:

The BLAZE BT 1406 OS&Y Resilient Seated Gate Valve is designed for reliable isolation in high-pressure water, potable water and critical infrastructure systems. Featuring an Outside Screw & Yoke (OS&Y) design, it provides clear visual indication of valve position and easy maintenance access. Manufactured with a durable Ductile Iron Body and Internal and External Fusion Bonded Epoxy (FBE) coating in RAL 5015, the valve offers excellent corrosion resistance and long service life. Its resilient seated wedge provides bubble-tight shut-off, while the full-bore design ensures minimal pressure loss. Designed to BS 5163 and rated PN 25, the valve is available with WRAS-approved sizes from 2" to 12", making it suitable for potable water networks, fire protection systems and industrial water applications.

Specifications :

Size	2" to 12" (DN50 to DN300) - WRAS Approved 14" to 24" (DN350 to DN600) - Standard Design
Working Pressure	363 psi (25 Bar)
Design Standard	BS 5163
Approvals	WRAS Approved
End Connection	ASME Class 125 /Class 150
Temperature Range	0° C to 80°C (32°F to 176°F)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)
Wedge	Ductile-Iron Wedge, EPDM Encapsulated.



WRAS APPROVED PRODUCT

Applications :

- Potable Water Distribution Networks
- Fire Protection Systems (with position indication requirement)
- Pumping Stations & Water Treatment Facilities
- Industrial Water Handling Systems
- Commercial & Municipal Infrastructure
- Systems requiring WRAS-certified components

Dimensions:

Order Code	DN	L (mm)	H (mm)	a (mm)	d (mm)	c (mm)	n-d1	T (mm)	f (mm)	g (mm)	øD (mm)
BT-1406-050-RF	50	178 ± 2	303	50	165	125	4-ø19	19	3	99	160
BT-1406-065-RF	65	190 ± 2	318	65	185	145	4-ø19	19	3	118	160
BT-1406-080-RF	80	203 ± 2	375	80	200	160	4-ø19	19	3	132	180
BT-1406-100-RF	100	229 ± 2	426	100	220	180	8-ø19	19	3	156	200
BT-1406-125-RF	125	254 ± 3	547	125	250	210	8-ø19	19	3	184	250
BT-1406-150-RF	150	267 ± 3	563	150	285	240	8-ø23	19	3	211	250
BT-1406-200-RF	200	292 ± 3	735	200	340	295	12-ø23	20	3	266	300
BT-1406-250-RF	250	330 ± 3	888	250	405	355	12-ø28	22	3	319	350
BT-1406-300-RF	300	356 ± 3	937	300	460	410	12-ø28	24.5	4	370	400

Note: All dimensions are for informational purposes only. Final details should be verified with the approved technical drawings. Dimensional details for valves above 12" size are available upon request.

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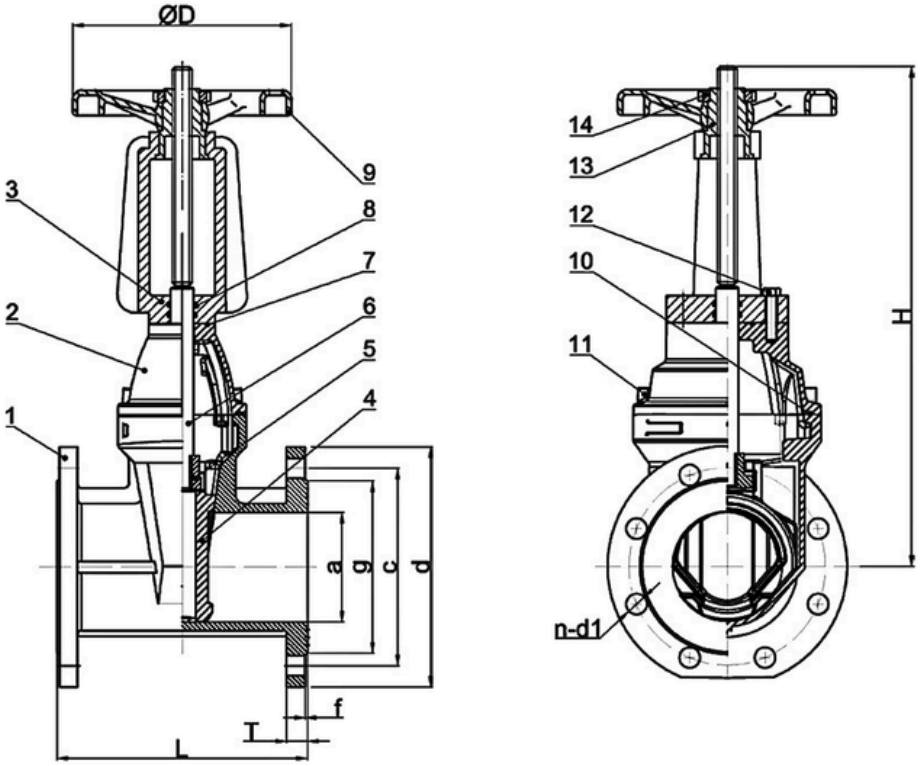
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Material Specification :

No.	Part Name	Material	Specification
1	Body	Ductile Iron	EN-GJS-400
2	Bonnet	Ductile Iron	EN-GJS-400
3	Bracket	Ductile Iron	EN-GJS-400
4	Disc	Ductile Iron	GJS-400+WRAS EPDM
5	Stem nut	Brass	Hm58-2-2
6	Stem	Stainless Steel	BS 970x20Cr13
7	seal	Brass/Carbon steel	
8	O-ring	NBR	
9	Handwheel	Ductile Iron	BS EN 1563 EN-GJS-400
10	Seal	WRAS EPDM	ASTM A536 65-45-12
11	Bolt	Carbon steel	
12	Bolt	Carbon steel	
13	Stem nut	Brass	
14	Nut	Carbon steel	

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