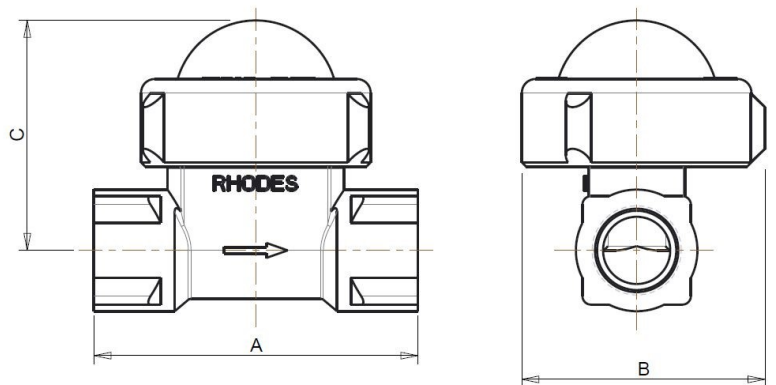


Fig.400B Straight Through Sight Flow Indicator with Ball

Flow Indicators are used as a visual aid to process operations and plant protection. They provide windows into pipelines, enabling the user to see immediately if flow is taking place and to observe colour and condition of the flow. The design of the 400B dictates that it must be installed with the glass upright. The ball is subject to wear and must be changed at service intervals.

Features & Benefits

- Compact Sight Flow Indicators are used in plant room application to show coolant or lubrication flows to pump, compressors and engines. This enables the user to view flow, presence and the condition of a liquid, gas or condensate.
- The Fig.400B can handle a great variety of fluids, including gases and wide flow ranges.
- The Fig.400B is easily maintained by unscrewing the glass retaining ring.
- Available in both Gunmetal or Stainless Steel bodies giving the user greater options of flow medium.
- The Nitrile seals (4) provide excellent chemical resistance, further enhanced in the stainless steel version by the use of Borosilicate glass (3) as standard.
- When flow is present the PTFE ball (5) rises and oscillates within the glass dome. When flow stops, the ball drops.



Component material breakdown on page 2

Dimensions

Nominal Bore Size	Overall Length A	Maximum Width B	Maximum Height From Centre C	Weight (kg)	Flowrate (l/h, water) Min	Flowrate (l/h, water) Max
DN8	76	57	55	0.5	30	200
DN10	76	57	55	0.5	50	450
DN15	76	57	55	0.6	60	600
DN20	83	57	58	0.6	120	1600
DN25	89	70	68	1.1	300	1600



BE® Bonut Engineering Ltd

Unit 12 Latham Close, Bredbury Industrial Park
Stockport, Cheshire, SK6 2SD, United Kingdom
Tel: +44 (0) 161 430 4000 Fax: +44 (0) 161 494 1461
Email: sales@bonut.co.uk Website: www.bonut.co.uk

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Materials of Construction

Item No.	Description	Body Material	Material	Qty
1	Body (options)	Gunmetal	BS EN 1982 CB491K	1
		Stainless Steel	ASTM A351 CF8M	
2	Cover Ring	Gunmetal	Brass BS2872 CZ122	1
		Stainless Steel	Nickel Plated Brass BS2872 CZ122	
3	Glass Dome	Gunmetal	Soda Lime	1
		Stainless Steel	Borosilicate	
4	Gaskets	Nitrile O Ring BS128		2
5	Ball	PTFE		1

Maximum Ratings

Gunmetal	Stainless Steel
Pressure 7 Bar	Pressure 16 Bar
Temperature 100°C	Temperature 100°C

N.B. Please check availability of certain sizes and body materials in the Fig 400B range

End Connections

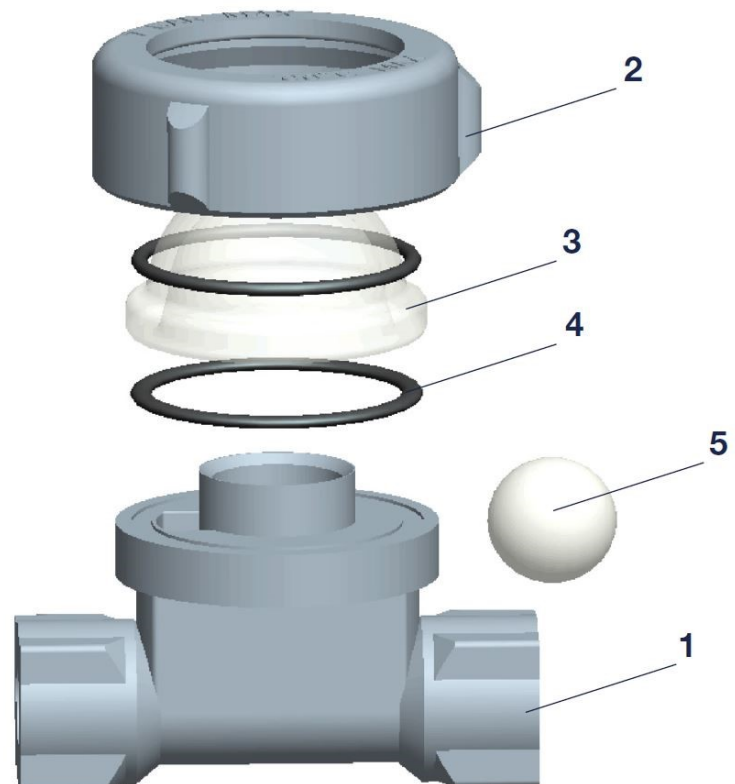
Screwed

- BSP Taper Female 'Rc' BS EN 10226
- BSP Parallel Female 'Rp' BS EN 10226
- BSP Parallel Female 'G' ISO 228
- NPT Female

N.B. Fig 400B is not available with flanged connections



Certificate Number 9027
ISO 9001:2015



Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Bonut Engineering assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.



BE® Bonut Engineering Ltd

Unit 12 Latham Close, Bredbury Industrial Park
Stockport, Cheshire, SK6 2SD, United Kingdom

Tel: +44 (0) 161 430 4000
Email: sales@bonut.co.uk

Fax: +44 (0) 161 494 1461
Website: www.bonut.co.uk

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