MODEL KBRFNL - BOLT-ON SIGHT GLASS

Description:

ARCHON Model KBRFNL sight glasses provide a quick, efficient and economical way for process observation when bolted on to a standard ASME / ANSI Class 150 raised face flange. They are widely used in the general processing industry to allow any existing flanged connection to become a sight glass.

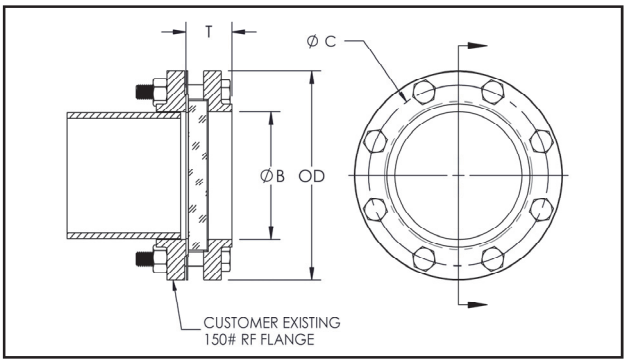
Operating conditions:

Standard units are designed for full vacuum and 150 psig. Temperature rating is limited by the gasket material and/or lens material. 10" model is rated for 75 psig.

Options and accessories:

KBRFNL sight glasses can be supplied with the following options and accessories:

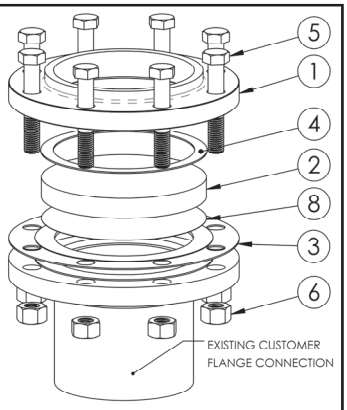
- Lighting units for hazardous or non-hazardous locations
- Low pressure wipers



Size	"OD"	"B"	"C"	"T"	Bolting
1.0"	4-1/4"	1.36"	3-1/8"	1"	(4) x 1/2"
1.5"	5"	1.95"	3-7/8"	1.3"	(4) x 1/2"
2.0"	6"	2.44"	4-3/4"	1.4"	(4) x 5/8"
2.5"	7"	2.94"	5-1/2"	1.4"	(4) x 5/8"
3.0"	7-1/2"	3.57"	6"	1.7"	(4) x 5/8"
4.0"	9"	4.57"	7-1/2"	1.8"	(8) x 5/8"
5.0"	10"	5.66"	8-1/2"	1.9"	(8) x 3/4"
6.0"	11"	6.72"	9-1/2"	2.2"	(8) x 3/4"
8.0"	13-1/2"	8.72"	11-3/4"	2.6"	(8) x 3/4"
10.0"	16"	10.88"	14-1/4"	2.6"	(12) x 7/8"

Item: Description:

1. Cover Flange
2. Lens
3. Full Face Gasket
4. Cushion Gasket
5. Hex Head Bolt
6. Hex Nut
7. Nameplate
8. Shield (optional)



Ordering Information:*

Model: KBRFNL ___ ___ ___ – ___ ___ ___ ___ ___ ___

Size:
010: 1.0" 040: 4.0"
015: 1.5" 050: 5.0"
020: 2.0" 060: 6.0"
025: 2.5" 080: 8.0"
030: 3.0" 100: 10.0"

Cover Flange:
A: Carbon Steel
B: 304 SS
C: 316 SS

Seal Gasket:
17: PTFE Env. Non-asbestos
07: Expanded PTFE
11: Grafoil

Lens:
A: Tempered Borosilicate
B: Tempered Soda-Lime
C: Quartz
E: Acrylic

Accessories:
C: Low Pressure Wiper
E: Light mounting

Configuration:
0: Standard
1 and up: Special

**Contact ARCHON for additional material options, temperature ratings or special configurations.*

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