

GN 744 Fluid Level Sight Glasses

Aluminum, Prismatic Reflector

Photo



Product description

Information

GN 744 fluid level sight glasses with prismatic reflector expand the range and usage of oil level sight glasses. With the cats-eye prism effect on the oil color, oil viscosity notwithstanding, the view is quite clear. The real advantage of the prism effect is when over-filling, under-filling and poor lighting situations arise. Should not be used in applications where viewing of alcohol level is required.

Fluid level sight glasses can also be used on pressurized tanks. The data on pressure and vacuum tests is available upon request.

The O-ring is housed in the same aluminum body as the GN 743 fluid level sight glasses.

The sealing is achieved with an O-ring on the periphery and not on the face edge of the glass. Leak tightness is therefore not effected by axial pressures.

The seal is put in a groove in the housing and it can therefore not be lost, In addition, this groove prevents the seal from being extruded when the sight glass is tightened. The location of the seal also allows the use of a softer elastomer which guarantees better and easier sealing.

Maximum heat resistance: 100°C (212°F).

Note: When mounting fluid level sight glasses on walls of less than 4mm (.157") thick, use mounting nut part series GN 543.1.

Form: A - with prismatic effect (only d₁ = 14/18/24)



Specification

Body

- Aluminum, turned, with matte shot-blast finish
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Prismatic reflector

- Transparent plastic
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Sealing ring

- Nitrile rubber (Perbunan)
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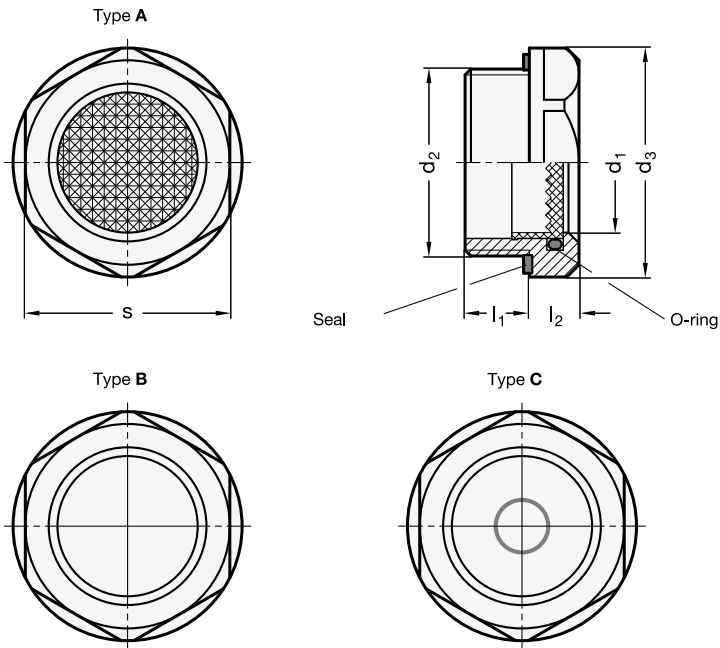
RoHS compliant

Accessory

On request

EPDM seal

Technical drawing



Part Options / Table

Form

A	with prismatic effect (only $d_1 = 14/18/24$)
B	without contrast screen (all sizes)
C	with red marking ring (only $d_1 = 11/14/18/24$)

Metric

d_1	d_2 Pipe Thread	Thread		d_3	l_1	l_2	s
.28	G 1/4	$M 12 \times 1.5$	-	.79	.30	.26	.71
.43	G 3/8	$M 16 \times 1.5$	-	.87	.31	.30	.79
.55	G 1/2	$M 20 \times 1.5$	-	1.02	.33	.30	.91
.71	G 3/4	$M 26 \times 1.5$	$M 27 \times 1.5$	1.26	.35	.31	1.18
.94	G 1	$M 33 \times 1.5$	-	1.57	.43	.33	1.42