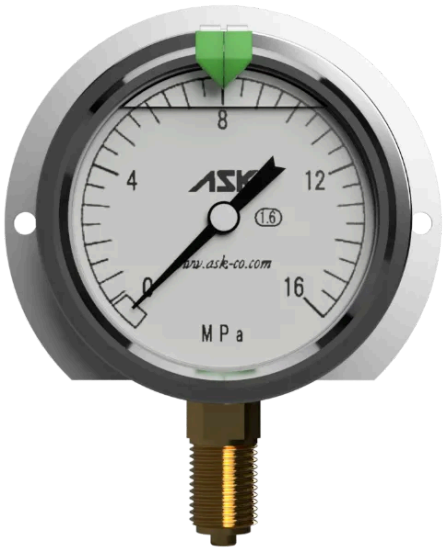
Glycerin filled pressure gauge ø60/75/100 OPG

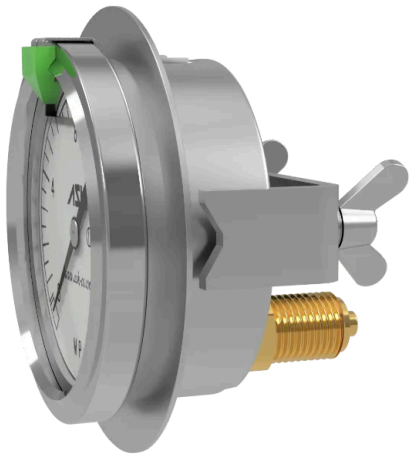
RoHS



A-type:Frameless



B-type:Round frame

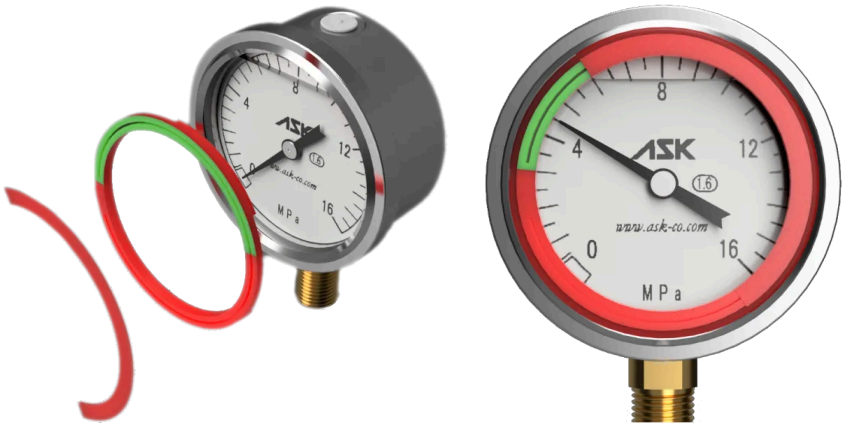


D-type:Back mount

The glycerin-filled pressure gauge OPG series is a pressure gauge with excellent vibration resistance and durability!

- The OPGΦ60 series, which is the most standard size, comes standard with a safety mark! The coloring of the color coding option can also be installed.
  (OPGΦ75 series and OPGΦ100 series are not compatible with safety marks and coloring)
- The exterior and wetted parts of OPGΦ100 (A, B, D type) are all stainless steel specifications.

- Glycerin liquid serves as lubricating oil for the friction part of the bearing and gear in the pressure gauge, thereby ensuring durability of the internal mechanism.
- A dedicated throttle for absorbing pulsating pressure and surge pressure is built into the pressure gauge socket.
- Safety measures are provided to ensure that the front glass is not thrown away and hydraulic oil is purged out of the safety valve, if the Bourdon tube be broken.
- Since the green safety mark is attached to the circumference of the case, pressure range setting can be set easily (only for 60 mm-diameter type).
- Select a pressure gauge whose top pressure reading is more than double the applicable pressure range.
- We issue various certificates related to pressure gauges for a fee.



▷Optional CR-60 can be installed
(OPGΦ60 series only)



▷Other sizes, shapes and materials
Click here for glycerin pressure gauges

OPG	-	A	T	-	G1/4	-	60	-	10MPa	-	B	-	CR
①		②	③		④		⑤		⑥		⑦		⑧

①	Model	Glycerin pressure gauge
②	Profile	A：Frameless
		B：Round frame
		D：Embedded (with mounting pieces)
③	Socket type	T：Square（Φ60 A/B/D、Φ75 A/B）
		S：6 surface（Φ100 A/B/D）
		U：2 surface（Φ75 D）
④	Screw type	G1/4（Φ60 A/B/D）
		R1/4（Φ60 A）
		G3/8（Φ75 A/B/D、Φ100 A/B/D）
⑤	Dimensions	60：Φ60mm
		75：Φ75mm
		100：Φ100mm
⑥	Pressure range (maximum indication)	See the pressure range table.
⑦	Applies only to Φ60D type	No mark：All models except Φ60 D type
		B：Φ60 D
⑧	Color ring (Only ϕ60)	No mark: Without color ring
		CR: With color ring (CR-60)

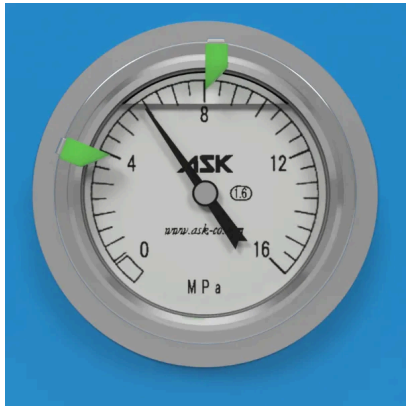
- ▷ Φ60 colored support has ended. Please consider using the coloring CR in the future.



A type：Frameless
The connection thread protrudes from the bottom of the pressure gauge, and this is the most commc
the connection thread holds the pressure gauge.



B type：Round frame
A shape based on the A shape with a panel fixing flange added to the back.
As with the A type, the connection screw protrudes from the bottom of the pressure gauge, so it is p
side of the panel.



D type：Back mount
It is embedded in the panel and fixed with the attached fixing metal fittings.
▷For details on how to attach to the panel, see here.

Dimensions	Φ60			Φ75			Φ100		
Profile	A	B	D	A	B	D	A	B	D
Weight (g)	250	270	310	450	550	550	1050	1100	1200
Applicable fluid	General petroleum based hydraulic, water, glycol based hydraulic oil, phosphate hydraulic oil, water								
Accuracy	±1.6%/F.S								
Temperature range	-5 ～ 40°C								
Ambient tempreture error	±0.3%/10°C								
Sealed liquid	Aqueous solution of glycerin								
Permissible vibration range	0～7G								
Optional specifications	①Color indication（Compatible with Φ75 and Φ100 only）								
	②Special indication (camera-ready copies and negatives can be prepared at an extra charge)								
	③Specifications for cold climates (temperature range: - 15 to 16 degrees C, silicon oil contained)								

▷Φ60/75/100 scale chart list



[Video] How to set the safety mark（Japanese Only）

- Some models cannot be manufactured depending on the combination of shape, size, and pressure range, so please refer to the model list for each model when selecting.
- Mount the glycerin pressure gauge vertically. Depending on the mounting orientation other than vertical, the indication accuracy may be disturbed or the glycerin filled liquid may leak.
- Glycerin-filled pressure gauges with a hand-written special dial cannot be manufactured.
- Please refer to "Precautions when using 【Color-ring CR】" for handling color-ring CR.
- If the maximum scale is 1 MPa or less, raise the green plug on the safety cap before use.

▷ See here for details.

図面
グリセリン圧力計 類 OPG / OSG

*Data is located on Google Drive. If you are unable to access Google Drive due to internal security reasons, we will send it as an email attachment, so please use the inquiry form (Contact Us) to request it.