# Технически характеристики

## Манометър Gesa за въздух аксиален глицеринов ф 63 мм, 0-16 bar, 1/4", M0302




Ташев-Галвинг ООД
www.tashev-galving.com

# Pressure gauges with case in stainless steel (II)

**M 03 02**

Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts. Specially designed for difficult conditions of use, as there are vibrations or quick changes of pressure. Also useful for adverse ambients.




How to order:
M 03 02 + chosen options.

| | | |
|---|---|---|
| **2. CONSTRUCTION / DESIGN** | | |
| 2.1. Design | | EN 837-1 |
| 2.2. Mounting | x | Direct: Free standing on the radial/rear screwed connection<br>- For rear connection gauges: U-clamp or flange in stainless steel for panel mounting<br>- For radial connection gauges: Flange in stainless steel for panel mounting |
| 2.3. Degree of protection | | IP 65 per EN 60529 / IEC 529 |
| **3. MATERIALS AND DIMENSIONS** | | |
| 3.1. Case | | |
| 3.1.1. Material | | Polished stainless steel AISI 304.Pressure relief in case top. |
| 3.1.2. Nominal size | x | 63 and 100mm |
| 3.2.Bezel ring | | |
| 3.2.1. Material | | Polished stainless steel AISI 304. |
| 3.2.2. Seal | | Bayonet seal |
| 3.3. Internal elements | | |
| 3.3.1. Materials | | Elastic element and movements in copper alloy. Tin soft welding and copper alloy soldering for pressure under 40 bar and for pressures over 40 bar copper and silver alloy. |
| 3.3.2. Structure | | Elastic element: With "C" type for pressures up to 40 bar and in spring type for pressures over 40 bar. |
| 3.4. Screwed connection | | |
| 3.4.1. Material | | Brass |
| 3.4.2. Thread | | 1/4" BSP for Ø63mm and 1/2" BSP for Ø100mm. In accordance with UNE-EN 10226-1 |
| 3.5. Window | | Acrylic. |
| 3.6. Dial | | White lacquered aluminium |
| 3.7. Pointer | | Aluminium anodized in black |
| **4. PRESSURE** | | |
| 4.1. Range | x | Pressure gauges: 0+0,6 0+1 0+1,6 0+2,5 0+4 0+6 0+10 0+16 0+25 0+40 0+60 0+100 0+160 0+250 0+315 0+400 0+600 0+1000<br>Compound gauges: -1+0,5 -1+1,5 -1+3 -1+5 -1+9 -1+15 -1+24<br>Vacuum gauge: -1+0 |
| 4.2. Scale | x | One scale in bar black coloured. Double scale: Bar ( black coloured) Psi ( red coloured). |
| 4.3. Subdivision | | In accordance with EN 837-1 |
| 4.4. Accuracy/ Class | | Class 1.6 for Ø63 and Class 1.0 for Ø100 |
| 4.5. Use conditions: | | |
| 4.5.1. Pressure conditions: | | Steady: 3/4 of full scale value.<br>Fluctuating 2/3 of full scale value.<br>Maximum pressure: (for short time) Full scale value. |
| 4.5.2. Operating temperature: | | Ambient: -40+80ºC Medium: 80ºC maximum |
| **5. OPTIONS** | | |
| 5.1. Antivibration system | | Dry or with antivibration liquid :Glycerine (99,8%) or silicone oil |
| 5.2. Logotypes | | Optional: Customer`s logo printed |
| 5.3. Other connection threads | | 1/8" BSPT 1/4" BSPT 3/8" BSPT 1/2" BSPT M20x1,5 |

Ташев-Галвинг ООД
www.tashev-galving.com

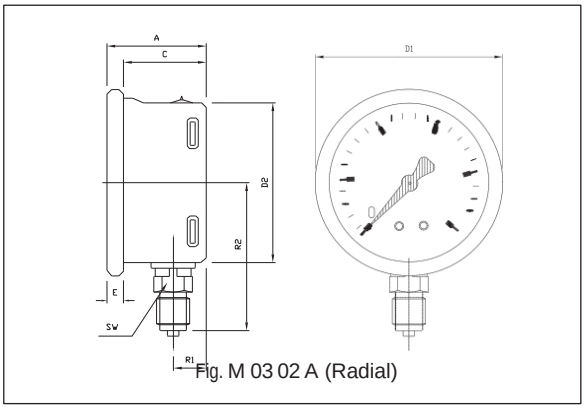


Fig. M 03 02 A (Radial)

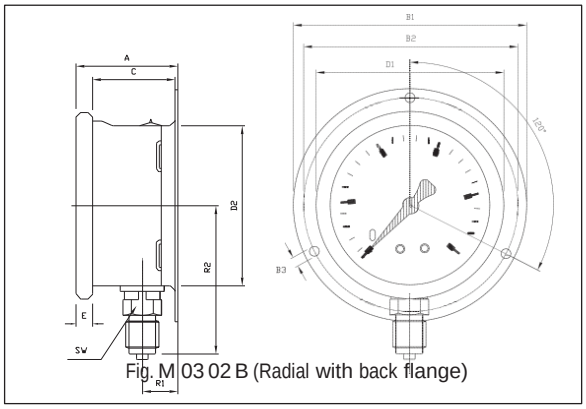


Fig. M 03 02 B (Radial with back flange)

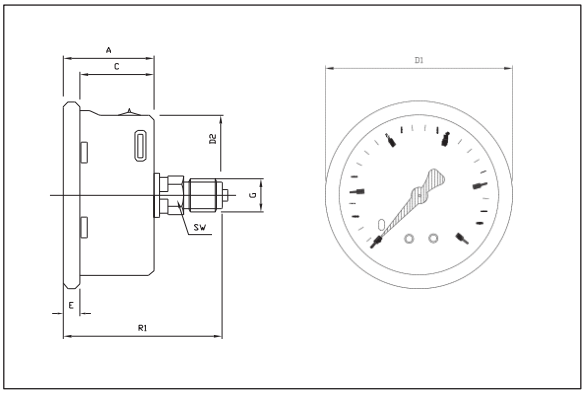


Fig. M 03 02 C (Back centred)

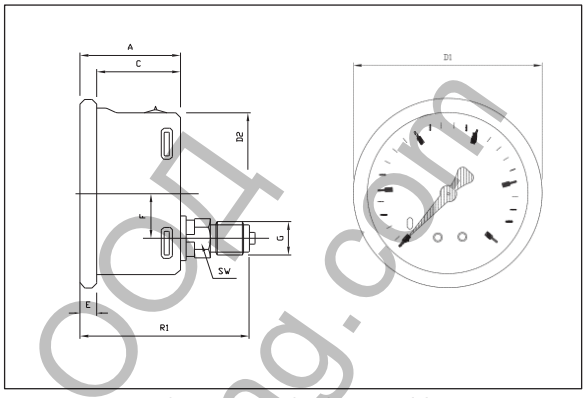


Fig. M 03 02 D (Back eccentric)

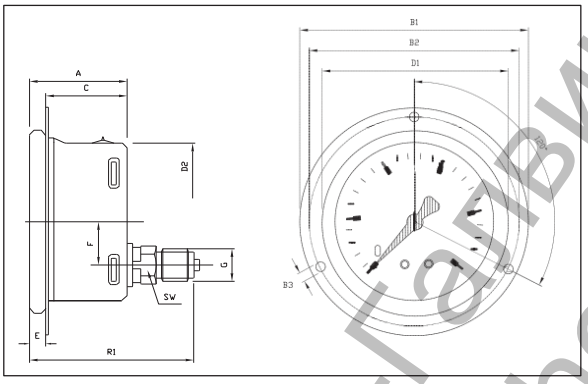


Fig. M 03 02 E (Back eccentric with front flange)

| | | DIMENSIONS (mm) (tolerances ±1mm) | | | | | | | | | | | | | WEIGHT (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DN | Connection | R1 | A | C | D1 | E | D2 | G | R2 | SW | P | B1 | B2 | B3 | |
| Ø63 | Radial | 11 | 33 | 26 | 68 | 7 | 62 | 1/4 BSP | 54 | 14 | | 85 | 80 | 3,5 | 214 |
| Ø63 | Rear | | 33 | 26 | 68 | 7 | 62 | 1/4 BSP | | 14 | 58 | 85 | 80 | 3,5 | 220 |
| Ø100 | Radial | 16 | 48 | 40 | 108 | 8 | 100 | 1/2 BSP | 85 | 22 | | 132 | 124 | 5 | 820 |
| Ø100 | Rear | | 46 | 38 | 108 | 8 | 99 | 1/2 BSP | | 17 | 84 | 132 | 124 | 5 | 768 |

Продукт: Манометър Gesa за въздух аксиален глицеринов ф 63 мм, 0-16 bar, 1/4", M0302
Категория: Механични измервателни инструменти
Бранд: Gesa
Категория бранд: Манометър Gesa

Ташев-Галвинг ООД
www.tashev-galving.com