

Designed for working with very aggressive fluids. Specially designed for difficult conditions of use, as there are vibrations or quick changes of pressure. Fluids must be of low viscosity.



How to order:
M 03 06 + chosen options.

2. CONSTRUCTION / DESIGN

2.1. Design		EN 837-1
2.2. Mounting	x	Direct: Free standing on the radial/rear screwed connection - For rear connection gauges: U-clamp or flange in stainless steel for panel mounting - 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	Ø63mm, Ø100mm and Ø150mm.
3.2. Bezel ring		
3.2.1. Material		Polished stainless steel AISI 304.
3.2.2. Seal		Bayonet sealed.
3.3. Internal elements		
3.3.1. Materials		Elastic element and movements in stainless steel AISI 316.
3.3.2. Structure		Elastic element: With "C" type for pressures up to 100 bar and in spring type for pressures over 100 bar.
3.4. Screwed connection		
3.4.1. Material		Stainless steel AISI 316L.
3.4.2. Thread		1/4" BSP for Ø63mm, 1/2" BSP for Ø100mm and Ø160mm in accordance with UNE-EN 10226-1
3.5. Window		Methacrylate or glass.
3.6. Dial		White lacquered aluminium. With top in the zero
3.7. Pointer		Aluminium anodized in black. With micrometric regulation for Ø100mm and Ø150mm.

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 Compound gauges: -1+0,5 -1+1,5 -1+3 -1+5 -1+9 -1+15 -1+24 Vacuum gauge: -1+0
4.2. Scale		One scale in bar black coloured.
4.3. Subdivision		In accordance with EN 837-1
4.4. Accuracy/ Class		Class 1,0
4.5. Use conditions:		
4.5.1. Pressure conditions:		Steady: 3/4 of full scale value. Fluctuating 2/3 of full scale value. Maximum pressure: (for short time) Full scale value.
4.5.2. Operating temperature:		With glycerine: Ambient: -20+80°C Medium: 100°C maximum Dry or with safety glass: -40+80°C Medium: maximum: 200°C

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		1/4" BSPT 3/8" BSPT 1/2" BSPT M20x1,5

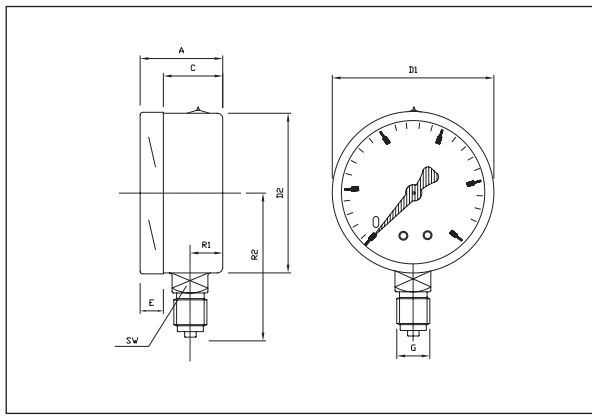


Fig. M 03 06 A (Radial)

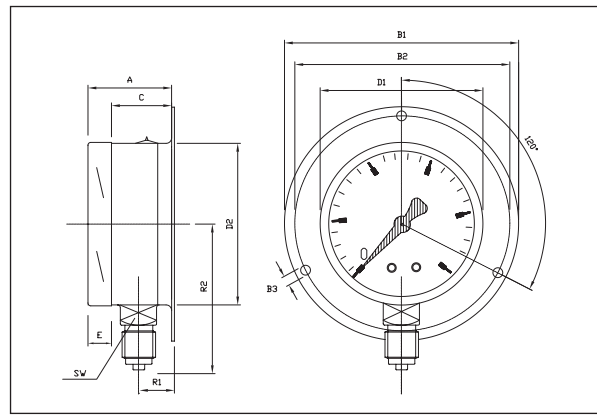


Fig. M 03 06 B (Radial with back flange)

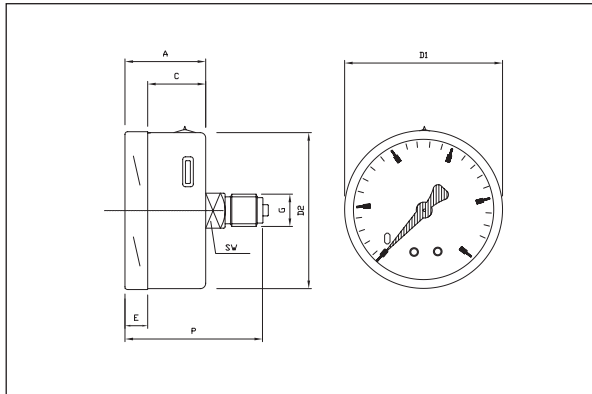


Fig. M 03 06 C (Back centred)

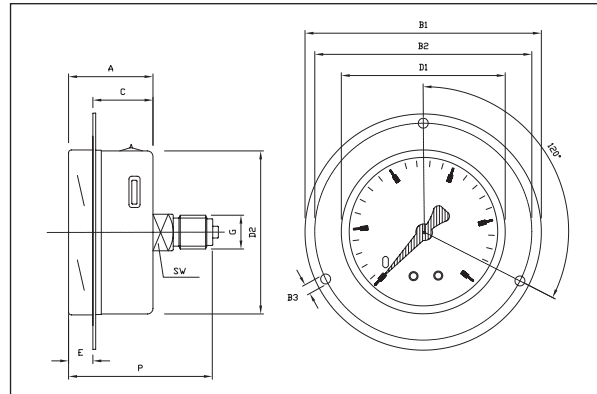


Fig. M 03 06 D (Back centred with front flange)

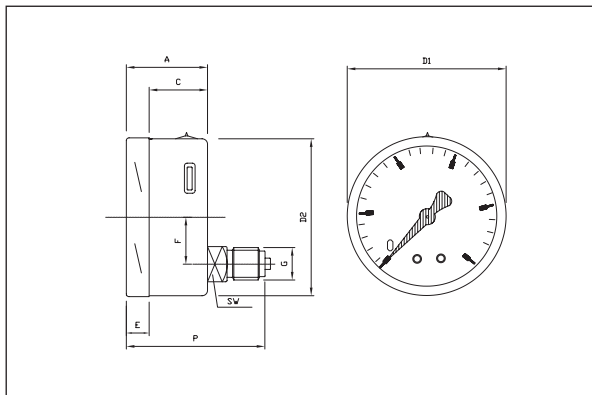


Fig. M 03 06 E (Back eccentric)

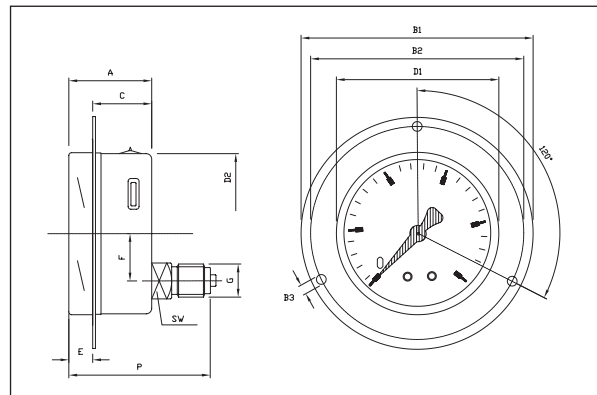


Fig. M 03 06 F (Back eccentric with front flange)

		DIMENSIONS (mm) (tolerances ± 1 mm)											WEIGHT (g)			
DN	Connection	R1	A	C	D1	E	D2	G	R2	SW	P	B1	B2	B3	without antivibration liquid	with antivibration liquid
Ø63	Radial	10	34	22	64	12	62	1/4 BSP	55	14		86	80	3,5	158	230
Ø63	Rear		34	22	64	12	62	1/4 BSP		14	56	86	80	3,5	157	228
Ø100	Radial	16	49	32	101	17	99	1/2 BSP	83	22		132	124	5	533	867
Ø100	Rear		49	32	101	17	99	1/2 BSP		22	86	132	124	5	550	890
Ø150	Radial	16	50	32	149	18	146	1/2 BSP	113	22		192	184	5	950	1712
Ø150	Rear		50	32	149	18	146	1/2 BSP		22	87	192	184	5	824	1750