

Designed for refrigeration systems. Suitable for all liquid media of low viscosity, that will not attack copper alloy parts. Can be used with or without antivibration liquid.



How to order:
M 05 01 + chosen options.

2. CONSTRUCTION / DESIGN

2.1. Design		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	63mm and 100mm
3.2. Bezel ring		
3.2.1. Material		Polished stainless steel AISI 304
3.2.2. Seal		Sealed ring.
3.3. Internal elements		
3.3.1. Materials		Elastic element and movements in copper alloy
3.3.2. Structure		Elastic element: "C" type.
3.4. Screwed connection		
3.4.1. Material		Brass
3.4.2. Thread		1/4" BSP or 7/16 SAE for Ø63mm and 1/2" BSP or 1/4 SAE for Ø100mm. In accordance with UNE-EN 10226-1
3.5. Window		Acrylic
3.6. Dial		White lacquered aluminium
3.7. Pointer		Aluminium aluminium in black.

4. PRESSURE

4.1. Range	x	-1+12 -1+24
4.2. Scale		scale in bar black coloured. R22 R134a R404a
4.3. Subdivision		In accordance with EN 837-1
4.4. Accuracy/ Class		Class 1,6
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:		Ambient: -40+80°C Medium: 80°C maximum

5. OPTIONS

5.1. Antivibration system		Glycerine 99,8% or silicone oil filled
5.2. Logotypes		Optional: Customer's logo printed
5.3. Other connection threads		1/4" BSPT 3/8" BSPT 1/2" BSPT M20x1,5

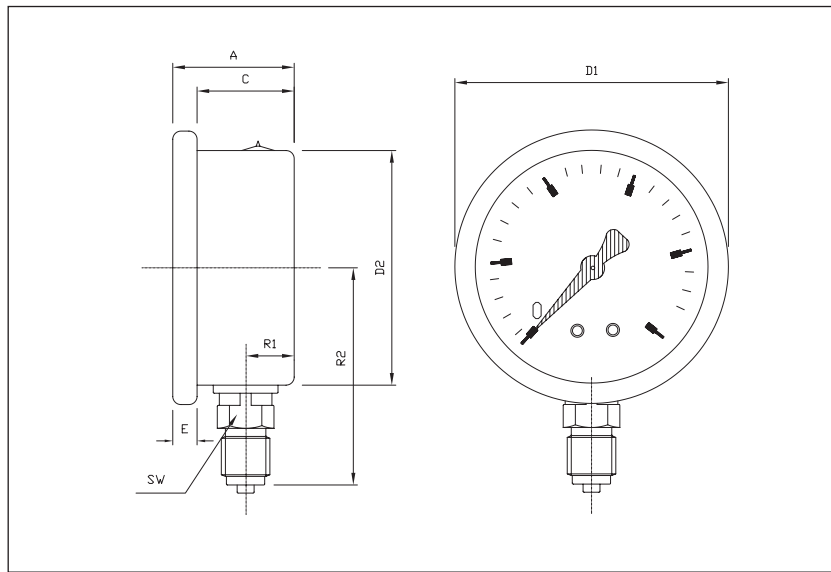


Fig. M 05 01 A (Radial)

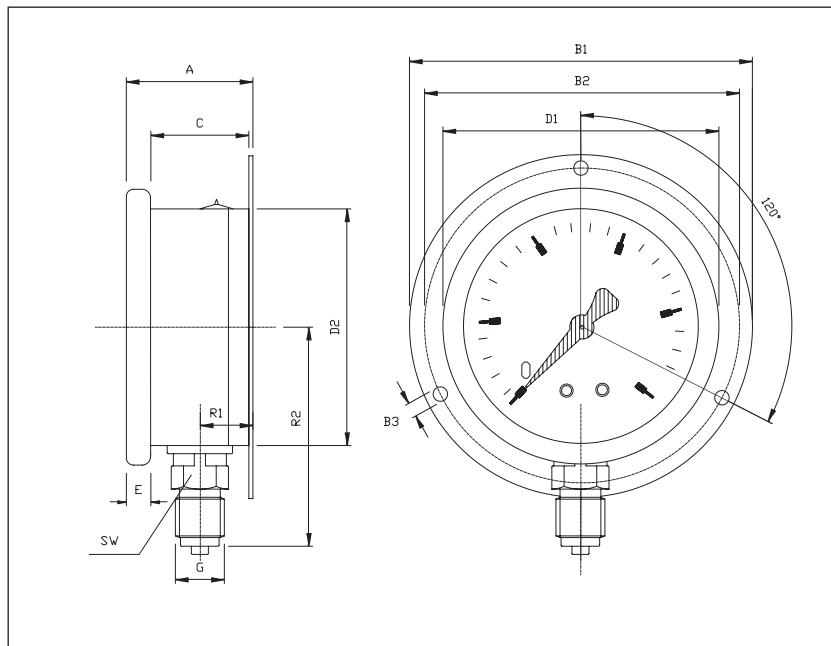


Fig. M 05 01 B (Radial with back flange)

		DIMENSIONS (mm) (tolerances ± 1 mm)											WEIGHT (g)	
DN	Connection	R1	A	C	D1	E	D2	G	R2	SW	B1	B2		B3
Ø63	Radial	10	29	23	68	6	61	1/4 BSP	56	14	86	80	3,5	180
Ø100	Radial	12	37	29	109	8	99	1/2 BSP	87	21	132	124	5	607