

Image may differ from product. See technical specification for details.

THGD 100

SKF Digital Pressure Gauge 0 - 100 MPa (0 - 14,500 psi) dia 79 mm (3.1 in)

The Digital oil pressure gauge, THGD 100, is used to accurately measure the hydraulic pressure when mounting bearings using the SKF Drive-up Method.

- Digital oil pressure gauge with actual and maximum display
- Bar graph display 33 segments (with peak and hold function)
- 4.1/2 digit LC display (15 mm) with back light illumination
- Start up check: LCD Segment check, maximum pressure &
- current displayed units (MPa or psi), Auto power off status

Overview

Dimensions

Dimensions (W x L x H)	90 x 45 x 114 mm

Properties

Auto switch off	30 min, off
Battery	2x AA (LR6) Alkaline
Battery life	100 hr, with backlight 1500 hrs, without backlight
Colour	Blue,Black
Connecting thread	G 1/4
Content	Gauge 2x AA batteries Rubber Protection sleeve Instructions for use
Degree of protection (IP)	IP 67
Display	LCD 4½ digit, 15 mm with back light illumination
Housing material	Glass fiber reinforced housing with rubber protection sleeve
Housing outer diameter	90 mm
Measurement accuracy (+/-)	0.1 %
Operating temperature range	0.0 – 50.0 °C
Pressure range	0.0 – 100.0 MPa
Pressure range	0.0 – 1000.0 bar
Recommended applications	For mounting bearings with the SKF Drive-up Method and for other applications where the pressure has to be determined with high accuracy
Recommended storage temperature	-20.0 – 60.0 °C
Relative humidity	<85%
Resolution	0.01 MPa
Response time	10 ms
Shock resistance (IEC 60068-2-29)	25 mg/11 ms
Special features	Dual scale dial, MPa/psi, Simulataneous display of actual and max pressure, Auto-off selectable, incl. Bar graph, Backlight, Battery level indication, Zero point correction, Swivel connection
Suitable for Drive up method	Yes
Vibration resistance (IEC 60068-2-6)	10500 Hz / 5g

Logistics

Product net weight	0.475 kg
UNSPSC code	27112908
eClass code	23-05-19-01

Compatible products

Recommended product

SKF Pressure Gauge 0 - 100 MPa (0 - 14,500 psi) dia 110 mm (4.3 in)	1077587
SKF Pressure Gauge 0 - 100 MPa (0 - 14,500 psi) dia 69 mm (2.7 in)	1077587/2
SKF Pressure Gauge 0 - 300 MPa (0 - 43,500 psi) dia 110 mm (4.3 in)	1077589
SKF Pressure Gauge 0 - 400 MPa (0 - 58,000 psi) dia 110 mm (4.3 in)	1077589/3
Hydraulic pump 1000 bar, 729124	729124
Hydraulic pump 1000 bar with large oil container, TMJL 100	TMJL 100
Hydraulic pump 500 bar with large oil container, TMJL 50	TMJL 50

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