



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

Properties

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
Suitable for Drive up method	Yes
Special features	Dual scale dial, MPa/psi, Simultaneous display of actual and max pressure, Auto-off selectable, incl. Bar graph, Backlight, Battery level indication, Zero point correction, Swivel connection
Measurement method	Strain gauge
Display	LCD 4½ digit, 15 mm with back light illumination
Pressure range	0.0 – 100.0 MPa
Pressure range	0.0 – 1000.0 bar
Measurement accuracy (+/-)	0.1 %
Resolution	0.01 MPa
Response time	10 ms
Housing outer diameter	90 mm
Dimensions (W x L x H)	90 x 45 x 114 mm
Connecting thread	G 1/4
Battery	2 x LR6 (AA) alkaline batteries
Battery life	100 hr, with backlight 1500 hrs, without backlight
Auto switch off	30 min, off
Housing material	Glass fiber reinforced housing with rubber protection sleeve
Colour	Black/Blue
Degree of protection (IP)	IP 67
Operating temperature range	0.0 – 50.0 °C
Recommended storage temperature	-20.0 – 60.0 °C
Relative humidity	<85%
Vibration resistance (IEC 60068-2-6)	10500 Hz / 5g
Shock resistance (IEC 60068-2-29)	25 mg/11 ms
Content	Gauge 2x AA batteries Rubber Protection sleeve Instructions for use
Product weight	0.54 kg

Logistics

Product net weight	0.48 kg
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eClass code	23-05-19-01
UNSPSC code	27112908

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
SKF Hydraulic Pump 729124	729124
SKF Hydraulic Pump TMJL 100	TMJL 100
SKF Hydraulic Pump TMJL 50	TMJL 50



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