



SKF THGD 100

Hydraulic digital pressure gauge

Digital oil pressure gauge for accurately measuring the hydraulic pressure when mounting bearings using the SKF Drive-up Method. For pressures up to 1000 bar (100 MPa/14,500 psi).

Technical specifications

Dimensions	
Dimensions (W x L x H)	90 x 45 x 114 mm
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	Array bar
Measurement accuracy (+/-)	0.1 %
Resolution	0.01 MPa
Response time	10 ms
Housing outer diameter	90 mm
Connecting thread (G)	G 1/4
Battery	2x AA (LR6) Alkaline
Battery life	100 hr, with backlight;1500 hrs, without backlight
Power source	Battery or alternatively USB-C (cable not included)
Auto switch off	30 min, off
Housing material	Glass fiber reinforced housing with rubber protection sleeve
Colour	Blue,Black
Degree of protection (IP)	IP 67
Operating temperature range	Array °C
Recommended storage temperature	Array °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
Logistics	
Product net weight	0.475 kg
eClass code	23-05-19-01
UNSPSC code	27112908