



Load cell, Measuring range: 0-320 kN



Order data

Order number	479100 0-320
GTIN	2050001056375
Item class	47F

Description

Version:

Hydraulic load cell with directly attached pressure gauge for static and quasi-static force measurement.

Body and piston stainless steel, pressure gauge of pressed brass with memory pointer. Protected against contamination with foreign particles and water spray (IP43).

3×M5 tapped hole in the cell base for attachment.

Advantage:

When used in accordance with instructions, a leaktightness warranty of 5 years is given.

Function:

IP43: Protected against splashed water from directions up to 60° relative to normal operating position and protected against penetration by foreign bodies with $\varnothing > 1$ mm, however tools and wires should be kept away.

Application:

In machine tool building.

Supplied with:

Display unit, manufacturer's certificate of conformity, and transport case.

Packaging: sturdy box

IP Index of Protection: IP 43

Scale graduations: 10 kN

Error limit: ± 1.6 of the full scale value (± 2.5 with memory pointer) %

Piston \varnothing : 100 mm

Height of load cell: 41 mm
Ø load cell: 138 mm
Operating temperature: -10 - 50 °C

Technical description

Piston area	80 cm ²
Measuring range	0 - 320 kN
Height of load cell	41 mm
Ø load cell	138 mm
Scale graduations	10 kN
Operating temperature	-10 - 50 °C
Error limit	±1.6 of the full scale value (±2.5 with memory pointer) %
Piston Ø	100 mm
IP Index of Protection	IP 43
Measurement technology	analogue
Test certificate	Manufacturer's test certificate
Packaging	sturdy box
Type of product	Load cell