



## Load cell, Measuring range: 0-200 kN



### Order data

|              |               |
|--------------|---------------|
| Order number | 479100 0-200  |
| GTIN         | 2050001056351 |
| 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:  $\pm 1.6$  of the full scale value ( $\pm 2.5$  with memory pointer) %

Piston  $\varnothing$ : 100 mm

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

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## Technical description

|                        |  |
|------------------------|--|
| Measuring range        | 0 - 200 kN   |
| Scale graduations      | 10 kN  |
| Piston area            | 80 cm <sup>2</sup>   |
| Ø load cell            | 138 mm   |
| Height of load cell    | 41 mm  |
| Operating temperature  | -10 - 50 °C  |
| Error limit            | ±1.6 of the full scale value<br>(±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  |