

**WIKA HYDRAULIC RING LOAD CELL
F1607/F6116**

Ring Force Transducer

F61161480159

Hydraulic force sensor, Ø90, 0-80 kN with Ø63 gauge

- Operates without power supply
- Enables bolt penetration
- Accuracy $\leq \pm 1.6\%$
- Stainless steel pressure plate and piston
- Piston movement $\leq 0.5\text{mm}$

**PRODUCT DESCRIPTION**

Mechanical load cell in ring design with directly mounted meter for local display of the force. Flexible design suitable for service control of both pulling and pushing forces in hanging loads or presses. The outer dimensions of the pressure plate from 75 up to 90 mm, depending on the force range.

TECHNICAL DATA

Diameter	90 mm
Force range	0-80 kN
Function	Pressure
IP class	IP65
Material	Stainless steel
Nominal operating	0.5 mm
Temperature operational max	50 °C
Temperature operational min	-10 °C



