

### **Load Cell**

#### **FEATURES**

- Suitable for force measurement applications
- Easy installation
- The cylindric shape makes it easy to replace an axis
- Resistant against harsh environment
- Could be adapted for other dimensions and capacities
- ATEX and IECEx approved for hazardous area upon request

#### **APPLICATIONS**

- Offshore
- Cranes
- Tension measurement
- · Level monitoring



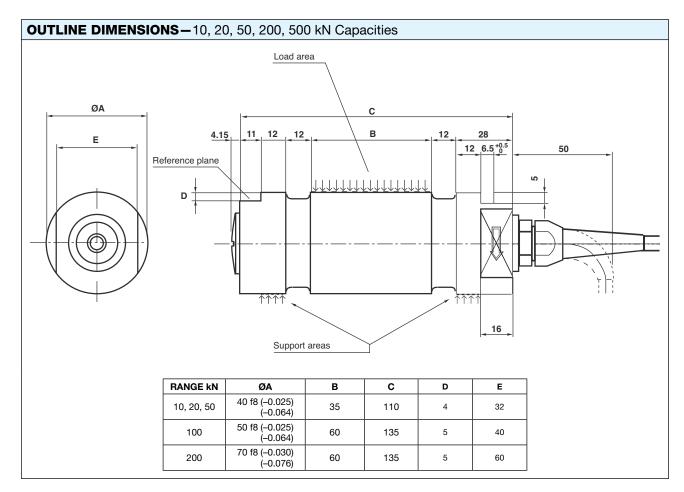




#### **DESCRIPTION**

The KOSD-40 load cell has a rugged design for harsh environment and is suitable for force measurement and overload protection. The sensing element consists of three sections, the two outer sections constitute supports and the middle section is the load sensing part.

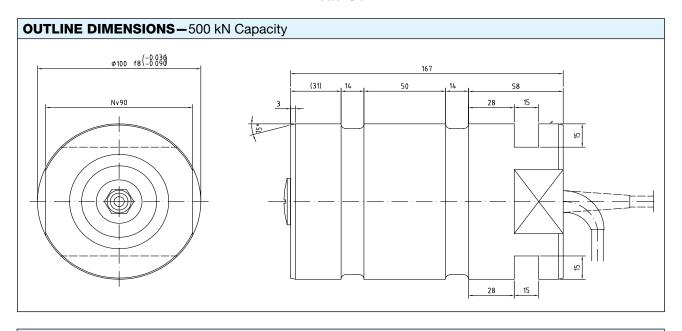
The KOSD-40 can be delivered in a module for load and level monitoring in storage tanks, then called KOM-1.

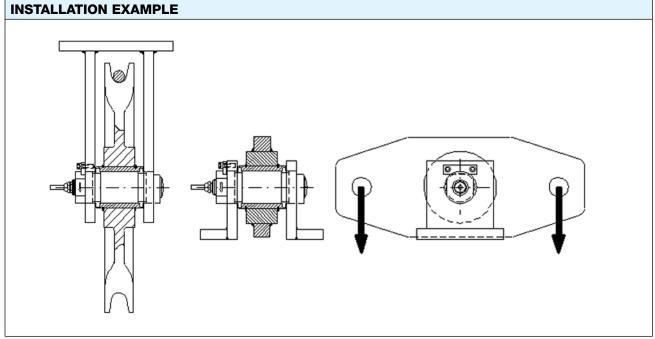


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# Load Cell







# Load Cell

VALUE
10, 20, 50, 100, 200, 500 kN
±0.5% RO (±1% RO 500 kN)
0.25% RO
100% RL
200% RL
100% RL
200% RL
10 VDC or VAC
18 VDC or VAC
350 Ω ±5 Ω
350 Ω ±5 Ω
≈1 mV/V
±5% RO
±1% of value (actual output listed on unit calibration sheet)
-40 to +80°C, -40 to +100°C upon request
+0.04% of output/°C
±0.04% of RO/°C
>4 GΩ
Stainless steel
5 m shielded four conductor cable 10, 20, 50 kN 10 m shielded four conductor cable 100, 200, 500 kN
IP67

<sup>\*</sup> Referred to recommended loading point

BLH Nobel is continually seeking to improve product quality and performance. Specifications may change accordingly.



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