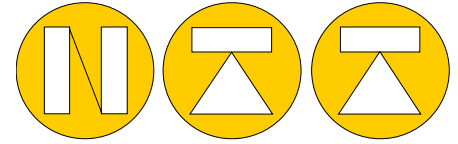


LOAD PIN MB-30-XX



NORDIC TRANSDUCER



MB-30 Stainless steel measuring bolt in high quality stainless steel made for special force measuring jobs where shape and size make this type ideal. New model design include higher accuracy than normally seen on this type of force sensor and even still very strong and well protected unit for use in industrial environment.

Custom made types is also possible even at smaller quantities.

MB-30-xx SPECIFICATIONS

| | | | |
|-----------------------------|------------------------|--------------------------|-----------------|
| NOMINAL LOAD | 25kN, 50kN, 100kN | a) minimum load | 0% |
| MINIMUM RANGE | 0-20% | b) service load | 100% |
| COMBINED ERROR | < +/- 0.08% | c) max. permissible load | 120% |
| NON REPEATABILITY F.S. | < +/- 0.02% | d) breaking load | >300% |
| Creep % F.S. 30 min. 20 MIN | < +/- 0.05 | e) max. side load | 100% |
| TEMPERATUR EFFECT | PPM/°C of applied Load | PROTECTION CLASS | IP67 |
| on zero | < 20 PPM/°C | | |
| on span | < 20 PPM/°C | Potted and metal seal | 25kN ... 100kN |
| NOMINAL SENSITIVITY +/-0.1 | * 1 - 1.5mV/Volt | | |
| INPUT RESISTANCE | 700 +/- 10 Ohm | NOMINAL TEMP. RANGE | - 10/+40 °C |
| OUTPUT RESISTANCE | 700 +/- 5 Ohm | SERVICE TEMP. RANGE | -20/+70 °C |
| ZERO BALANCE F.S. | +/-1.0% | CELL MATERIAL | Stainless steel |
| SUPPLY VOLTAGE DC/AC | 5V - 15 Volt | CABLE | ø4mm x 6 meter |

All specifications subject to change without notice

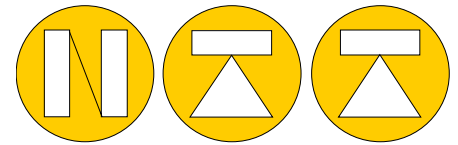
Ref. force: 1 kg = 9.80665N

* Sensitivity: 25kN = 1.00mV/V +/-0.1mV
50 & 100kN = 1.50mV/V +/-0.1mV

5 point Load Cell Test Report come with all the load cells, showing Non linearity, Repeatability & Hysteresis.

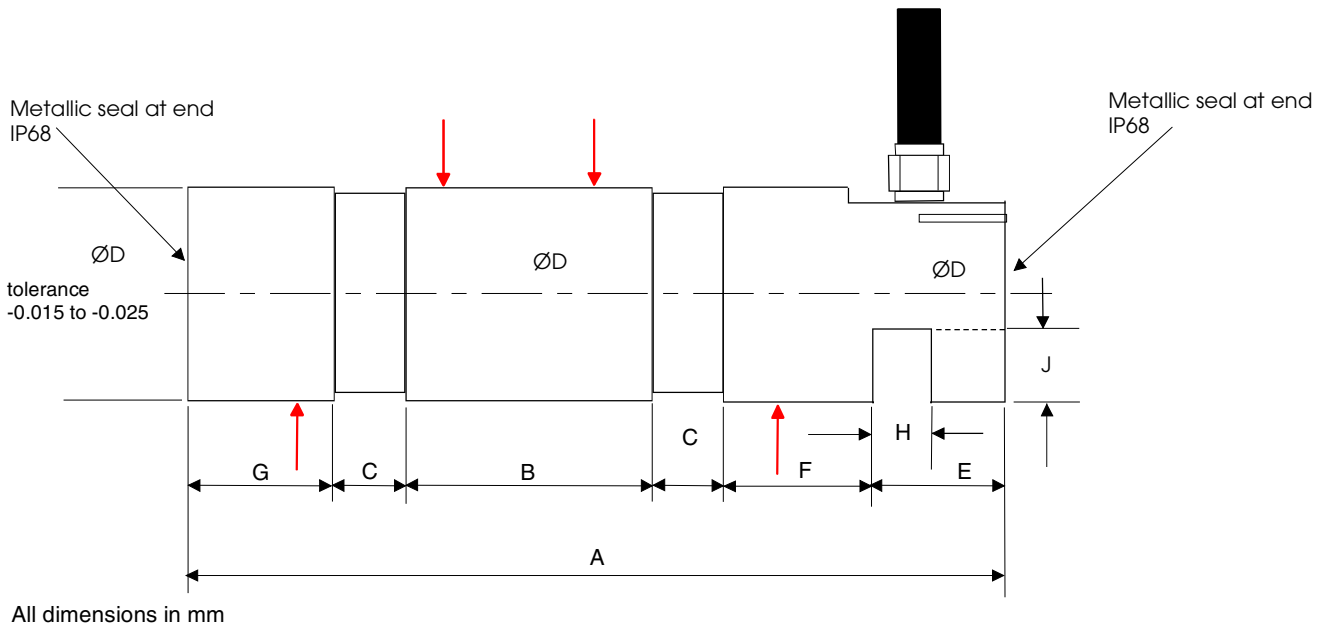
Nordic Transducer Als Oddevej 85 DK-9560 Hadsund Danmark
Ph. +45 98 58 14 44 fax. +45 98 58 18 66 e-mail: ntt@ntt.dk WEB: www.ntt.dk

LOAD PIN MB-30-XX

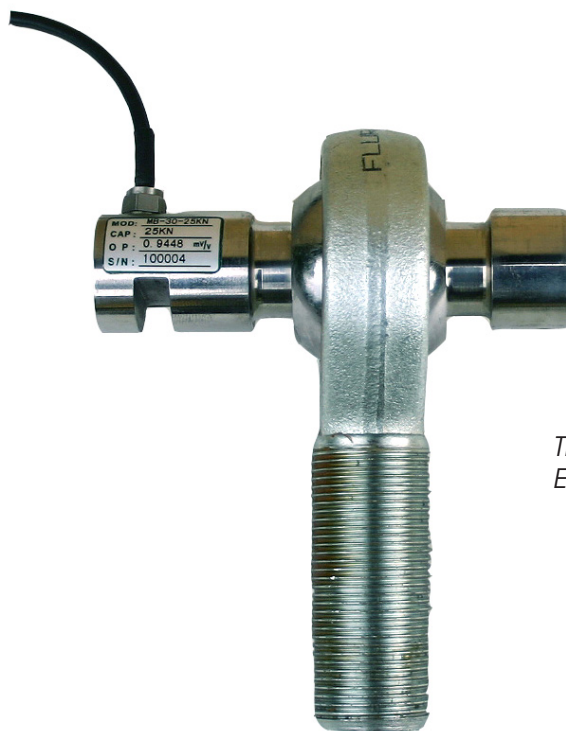


NORDIC TRANSDUCER

Dimensions in mm



| Nominal Load kN | A | B | C | D | E | F | G | H | J |
|-----------------|-----|----|------|----|------|------|------|------|----|
| 25 | 115 | 34 | 12.1 | 30 | 18.5 | 19.7 | 18.6 | 8.2 | 10 |
| 50 | 115 | 34 | 12.1 | 30 | 18.5 | 19.7 | 18.6 | 8.2 | 10 |
| 100 | 119 | 34 | 12.2 | 35 | 18.5 | 21.0 | 21.0 | 10.2 | 10 |



The MD-30 dimension fit to a standard Rod End Bearing as a Fluro or Ina type as shown.

5 point Load Cell Test Report come with all the load cells, showing Non linearity, Repeatability & Hysteresis.

Nordic Transducer Als Oddevej 85 DK-9560 Hadsund Danmark
 Ph. +45 98 58 14 44 fax. +45 98 58 18 66 e-mail: ntt@ntt.dk WEB: www.ntt.dk