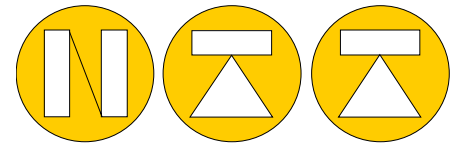


LOAD PIN MB-30-XX



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	< +/- 0.04%	c) max. permissible load	120%
NON REPEATABILITY F.S.	< +/- 0.01%	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

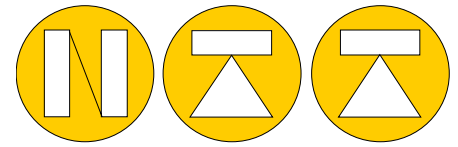
Ref. force: 1 kg = 9.80665N

* 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.

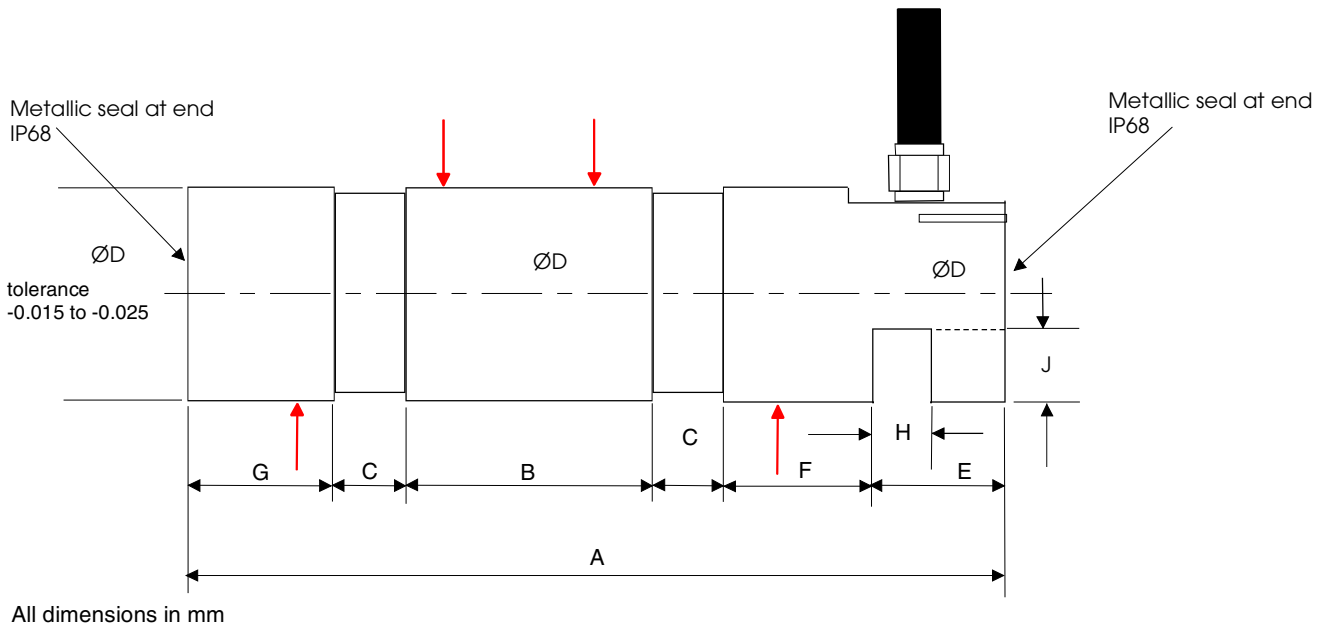
Nordic Transducer Als Oddevej 85 DK-9560 Hadsund Danmark
Ph. +45 98 58 14 44 fax. +45 98 58 18 66 e-mail: ntt@ntt.dk WEB: www.ntt.dk

LOAD PIN MB-30-XX

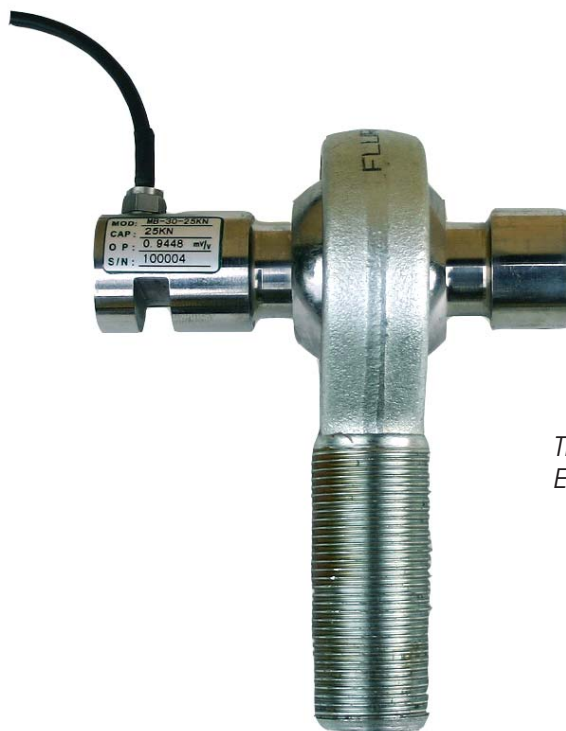


NORDIC TRANSDUCER

Dimensions in mm



Nominal Load kN	A	B	C	D	E	F	G	H	J
25	115	34	12	30	16	19	19	8.2	10
50	115	34	12	30	16	19	19	8.2	10
100	119	34	12	35	16	21	21	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.