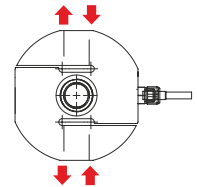
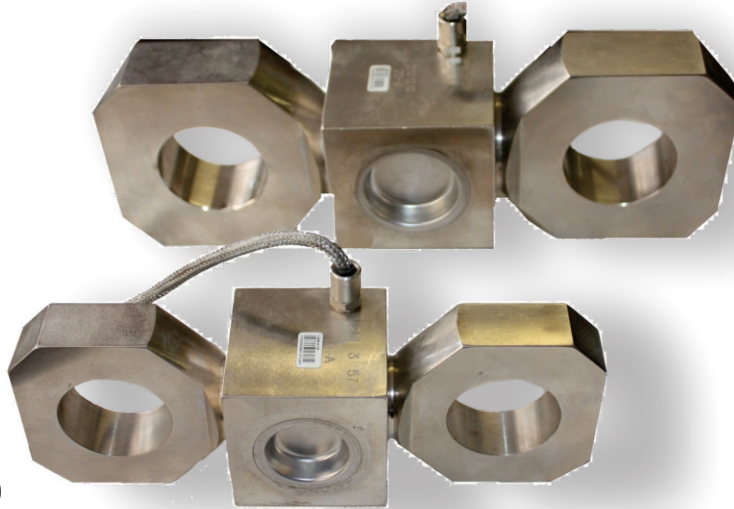




TENSION

For Good Measure!

INTRODUCING: THE NB-A LOAD CELL



DESCRIPTION

The NB-A is a precision-engineered tensile load cell available in a range of capacities, spanning from 2 to 50 tons. It excels in delivering consistent and dependable performance, particularly in rigorous industrial settings. This remarkable load cell is nickel-plated alloy steel, equipped with hermetic sealing to ensure durability and reliability.

APPLICATIONS

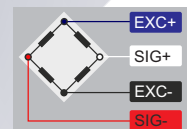
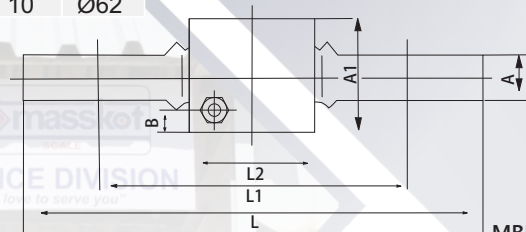
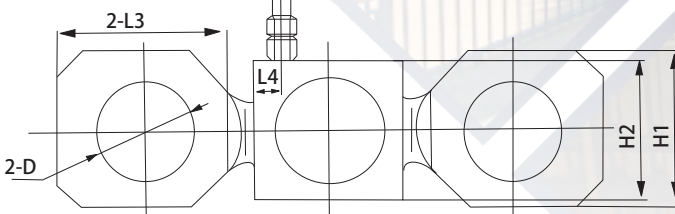
Strain tests / Tensile tests / Force tests / Mining / Shipping & Logistics / Shipyards / Build / Port Logistics

TECHNICAL SPECIFICATIONS

Rated capacity:	2t to 50ton	Creep error(30minutes):	±0.05% F.S
Operating temperature range:	-30 to +70°C	Output impedance:	352±3Ω
Rated output:	1.8±0.005mv/v	Temperature effect on zero:	±0.03% F.S
Maximum safe overload	±120% OF R.C	Insulation resistance at 50V DC:	≥5000MΩ
Combined error:	±0.05% F.S	Temperature effect on output:	±0.03% F.S
Ultimate safe overload	±150% OF R.C	Material:	Nickel-plated alloy steel
Non-repeatability:	±0.03% F.S	Compensated temperature range:	-10 to +40°C
Recommended Excitation:	10 to 12V DC	Input impedance:	400±20Ω
Non-linearity:	±0.05% F.S	Zero balance:	±1% F.S
Maximum Excitation:	15V DC	Environment protection:	IP67
Hysteresis error:	±0.05% F.S		
Cable length:	12meter;3t~30t 100t~150t; diameter 5mm,10meter;50t; diameter 8mm		

TECHNICAL DRAWING

Rated Load	L	L1	L2	L3	L4	H1	H2	A	A1	B	D
2.3	154	104	42	48	8	50	40	15	40	8.5	Ø32
5	211	141	63	62	16.8	68	58	20	55	8.5	Ø35
10	241	161	64	78	17.3	85	68	25	62	8.75	Ø47
15.20	310	202	80	102	20	108	80	35	70	10	Ø55
30	351	227	85	118	23	118	85	40	75	10	Ø62



MBN052