

# Tension load cell



## Features

- Capacity 2t-70t
- High accuracy
- Easy installation
- Nickel plated alloy steel

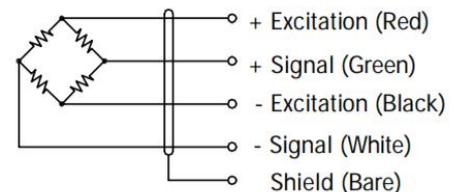
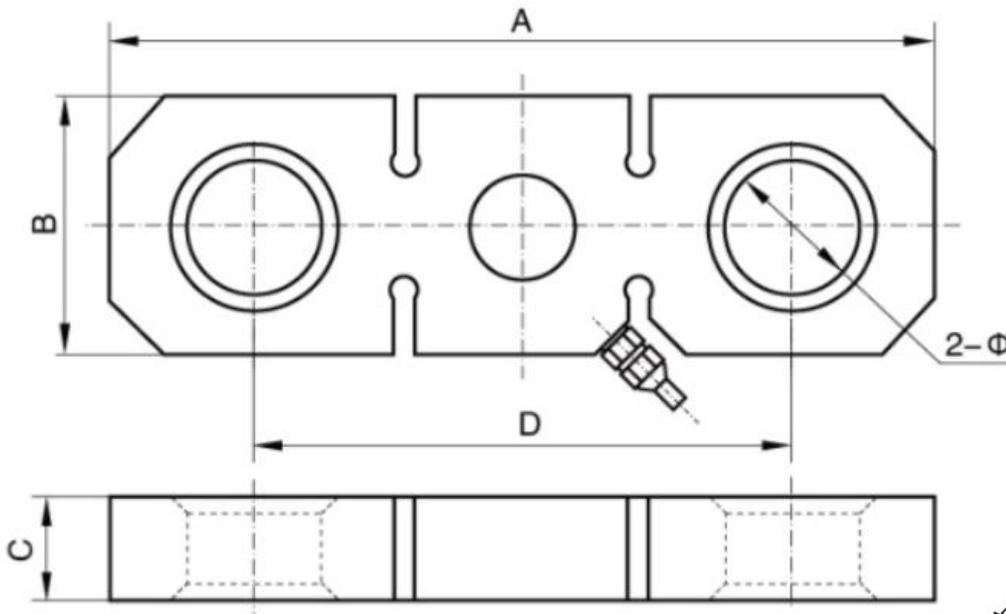
## Optional features

- Stainless steel construction

## DESCRIPTION

The ZMBH is tension load cell alloy steel IP67 protected load cell. It perfectly fits for use in industrial applications such as high capacity crane scales and testing equipment.

## DIMENSIONS (mm)



	A	B	C	D	Φ
2-3t	200	65	25	130	32
5t	230	70	30	150	36
7-10t	300	90	38	200	45
15-20t	330	110	42	205	60
30t	350	126	50	216	60
50-70t	500	180	60	320	72

## SPECIFICATIONS

PARAMETER	VALUE	UNIT
Standard capacities (E <sub>max</sub> )	2-70	T
Rated output-R.O.	2.0	mV/V
Zero balance	1	±% of rated output
Non linearity	0.05	±% of rated output
Hysteresis	0.03	±% of rated output
Non-repeatability	0.02	±% of rated output
Creep error (30 minutes)	0.03	±% of rated output
Zero return (30 minutes)	0.03	±% of rated output
Temperature effect on min. dead load output	0.0026	±% of rated output/°C
Temperature effect on sensitivity	0.0015	±% of rated output/°C
Compensated temperature range	-10 to +40	°C
Operating temperature range	-20 to +60	°C
Safe overload	150	% of R.C
Ultimate overload	200	% of R.C
Excitation, recommended	10	Vdc
Excitation, maximum	15	Vdc
Input resistance	370±20	Ohms
Output resistance	350±3	Ohms
Insulation resistance	5000	Mega-Ohms
Material	Alloy steel	
Protection class	IP67	