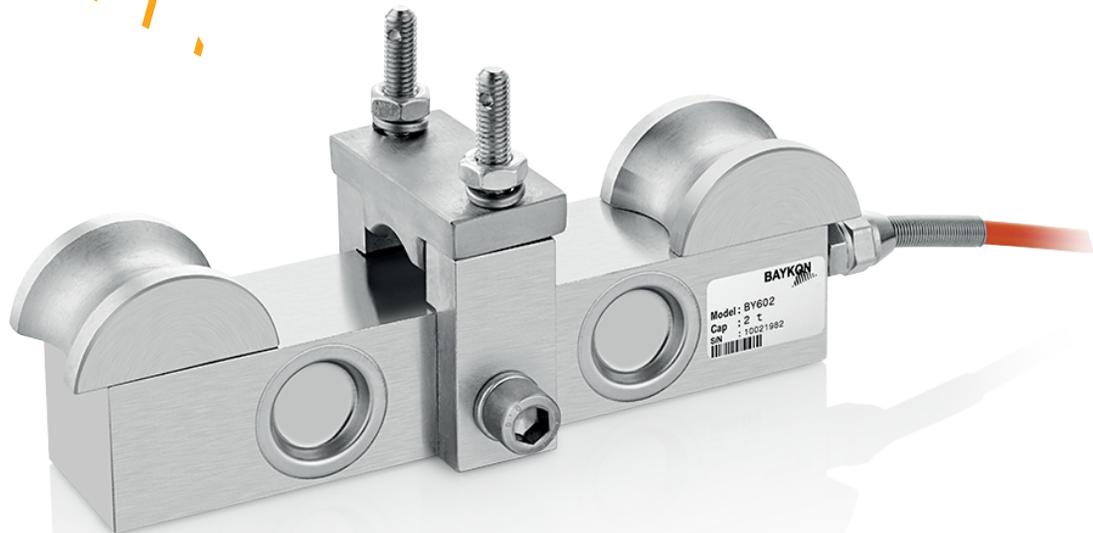
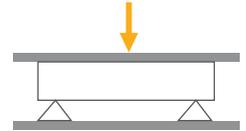


BY602

Rope Tension Load Cell



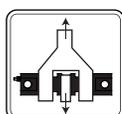
Applications



Special Weighing



Industrial Processes



Overload Limiting

Key Features

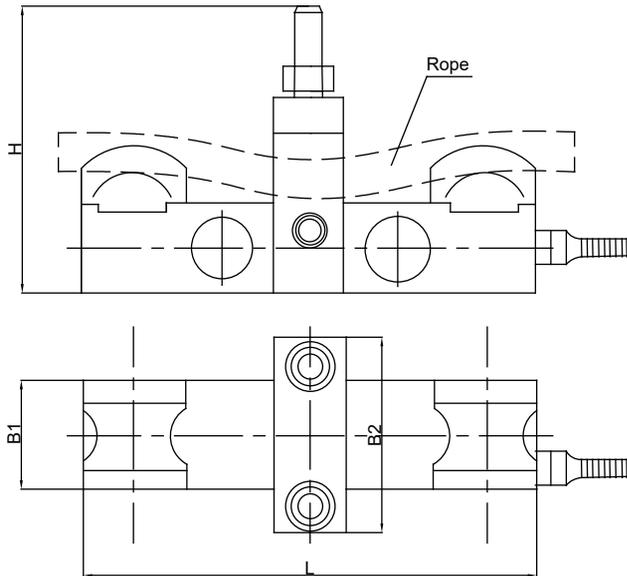
- Capacities: 1 / 2 / 3 / 5 / 10 t
- Nickel plated alloy steel
- Protection class: IP67
- High accuracy

BY602 is alloy steel construction load cell used for wire rope tension force measurement, overload alarming and force measurement of similar testing systems.

Technical Specifications

Model		BY602
Capacity (E _{max})	t	1 / 2 / 3 / 5 / 10
Rated output (RO)	mV / V	1.0 ± 0.05
Combined error	%RO	≤ 0.5
Temperature effect on zero	%RO / 10°C	≤ 0.05
Temperature effect on sensitivity	%RO / 10°C	≤ 0.05
Safe load limit	%E _{max}	150
Ultimate load	%E _{max}	200
Zero balance	%RO	≤ 1
Creep error (30 min.)	%RO	≤ 0.1
Excitation voltage, recommended	V (DC)	5 - 12
Excitation voltage, maximum	V (DC)	15
Input resistance	Ω	750 ± 10
Output resistance	Ω	702 ± 3
Insulation resistance (at 50 V DC)	MΩ	≥ 5000
Compensated temperature range	°C	- 10...+ 40
Operating temperature range	°C	- 30...+ 70
Material		Nickel plated alloy steel
Protection class		IP67
Cable		Length: 10 m / diameter: 6 mm

Dimensions (mm)



Capacity	L	B1	B2	H	Rope
1t	180	40	60	95.5	ø6-ø14
2t	180	40	60	95.5	ø10-ø18
3t	180	40	60	95.5	ø12-ø20
5t	200	40	75	136.5	ø16-ø26
10t	260	60	110	174	ø24-ø36

Color Codes

Function	Colors
+ input	blue
+ output	white
- input	black
- output	red
shield	yellow