

# GY18 SERIES single cell

## ALUMINUM CELL

CAPACITY:

**200 up to 500 kg**

**M**

**65**

**IP**

FOR ACCURACY CLASS C3



**GIROPES**  
WEIGHING SOLUTIONS



# GIROPES



# GY18

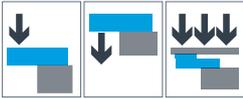
SINGLE CELL

min 200 kg  
max 500 kg

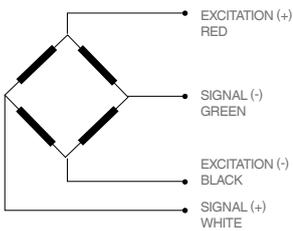
**M** 65  
IP

### APPLICATIONS

Single cell platforms:  
for 200 kg: 600x600 mm  
for 500 kg: 600x800 mm



APPROPRIATE FOR LOADS  
NOT CENTERED



**A reliable and versatile load cell for a diverse range of industries, its focus is on versatility and robustness in demanding industrial environments.**

This load cell, with a nominal load capacity of up to 500 kg is distinguished by its meticulous design and focus on precision of measurements in a range of industrial settings.

Constructed with first rate aluminum, this load cell guarantees not just durability but also high resistance to corrosion, which makes it ideal for demanding industrial environments.

In addition, it is equipped with cutting edge technology which assures a rapid and precise response in the detection and measuring of loads.

This technology does not just optimize efficiency in industrial processes, but also provides a greater reliability in the data gathered.

From logistics management to manufacturing processes, this load cell offers exceptional versatility, adapting to a wide range of applications with consistent and reliable results. Its robustness and precision make it an indispensable tool in weight measurement for companies in a range of industrial sectors.



## Principal Features

- Load cell: Single cell.
- A single point load cell, with strain gauges.
- Material: High quality aluminum.
- Maximum load capacity: 500 kg.
- Construction: Robust and durable.

## Specifications

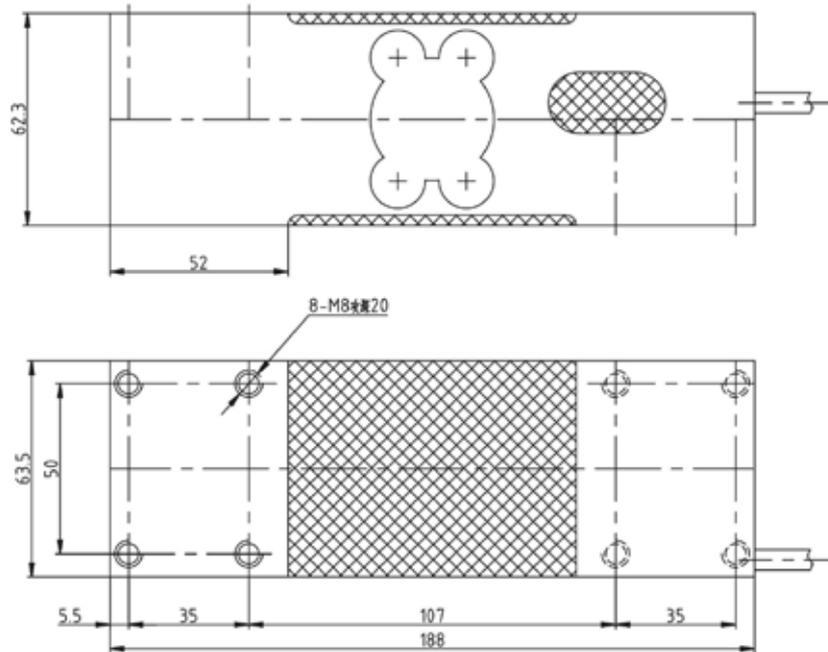
Type of load cell:	GY18	
Maximum Capacity (E <sub>max</sub> )	200 kg	500 kg
Minimum dead weight	0 kg	
Precision category	C3	
Nominal output	2 mV/V ± 0,3 mV/V	
Maximum number of load cell intervals (n)	6000	
Minimal interval ratio for load cell verification (Y)	20000	17000
Return ratio for minimum dead weight output (Z)	6000	
Input impedance	404Ω ± 10Ω	
Temperature range	-10 °C / + 40 °C	
P <sub>LC</sub> fraction	0,7	
Humidity classification	NH	
Secure overload	150 % of E <sub>max</sub>	
Output impedance	350Ω ± 3Ω	
Recommended excitation	10 V AC / DC	
Maximum excitation	15 V AC / DC	
Material	Aluminum	
Atmospheric protection	Silicone rubber	

## 200-500kg

Referencia	Carga nominal - In (kg)	Clase de precisión n. OIML	y = e <sub>max</sub> / v <sub>min</sub>	# Código
GY18- 200	200	C3	20000	231231
GY18- 500	500	C3	17000	231234

**Dimensions GY18**

Dimensions (mm)



**GY cellular series**

