

# GY15 serie single cell

## ALUMINUM CELL

CAPACITY:

**50** hasta **300** kg

**M** **65**  
**IP**

FOR ACCURACY CLASS C3



**GIROPES**  
WEIGHING SOLUTIONS



**GIROPES**



SERIES

**GY15**

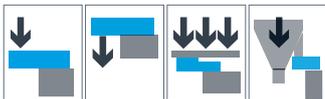
SINGLE CELL

min 50 kg  
max 300 kg



**APPLICATIONS**

Single cell platforms  
400x400 mm



APPROPRIATE FOR LOADS  
NOT CENTERED



**The GY15 has a maximum capacity of up to 300 kg, assuring precise and consistent measurements.**

The Giropes GY15 is designed to offer precise and consistent measurements in a wide range of industrial applications, from warehouses to production lines. Its robust construction of aluminum with protection against inclement conditions makes it ideal for challenging environments, while its versatility and compatibility with existing weighing systems makes it a reliable and efficient option for any application.

**PRECISION AND RELIABILITY:**

The GY15 guarantees precise and consistent measurements for a wide range of industrial applications. With its classification C precision and a nominal output of 2.0 mV/V  $\pm$  0.3 mV/V, each weighing is guaranteed in terms of precision and reliability. From 50 kg up to 500 kg, the GY15 adapts to your weighing needs with

Manufactured with high quality aluminum and protected with silicone rubber, the GY15 is designed to resist the most demanding conditions. Its robust construction and protection against inclement conditions make it ideal for difficult industrial environments, from warehouses to production lines.

**VERSATILITY AND ADAPTABILITY:**

With a wide temperature range of -10 °C to +40 °C and pLC fraction of 0.7, the GY15 offers a consistent performance in a variety of operating environments. Its compatibility with a recommended excitation of 10 V AC / DC makes it easy to integrate with a variety of existing weighing systems. Whether you are in the retail, industrial or a specialist sector, the GY15 will provide you with precise and consistent results.

**WEIGHING DESIGN:**



GIROPES)  
GY15 C3  
R60/2017-CS-A-22-33  
x60kg -10°C/+40°C  
2.0mV/V  
n=Emax/20000  
4211990109



## Principal Features

Load cell: Single cell.

Material: Manufactured with high quality aluminum, with silicone rubber protection designed to resist adverse environmental conditions.

Maximum load capacity: 300 kg.

Construction: Robust and hardwearing.

Safe overload ratio: Up to 150% of E<sub>max</sub>, ensuring reliable and secure operation at all times.

## Specifications

Type of load cell:	GY15
Maximum Capacity (E <sub>max</sub> )	50 kg a 300 kg
Minimum dead weight	0 kg
Precision category	C3
Nominal output	2 mV/V
Maximum number of load cell intervals (n)	6000
Minimal interval ratio for load cell verification (Y)	20000
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

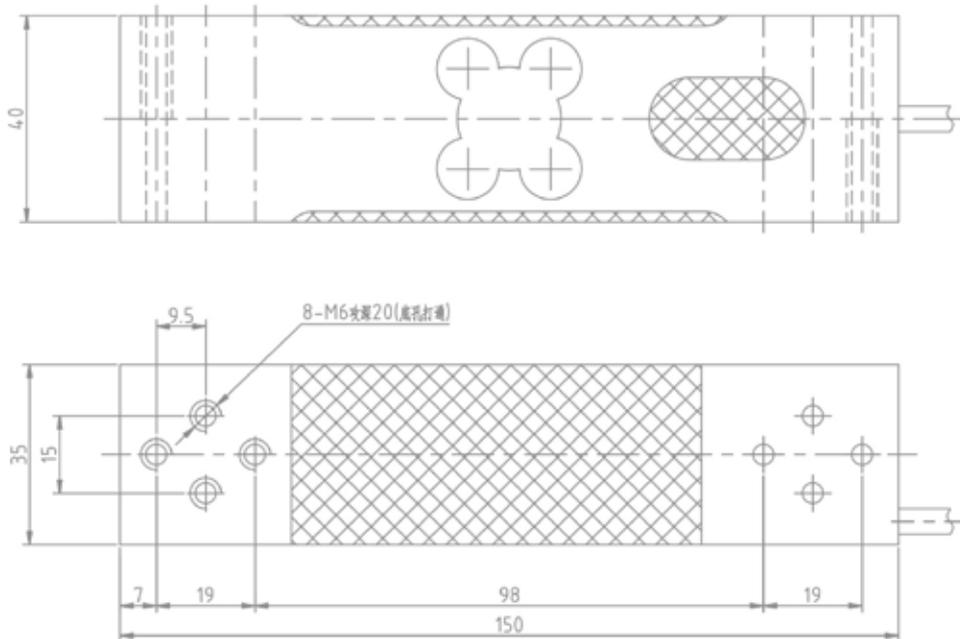
## 50-300kg

Reference	Nominal load - In (kg)	Precision classification n. OIML	y = e <sub>max</sub> / v <sub>min</sub>	# Code
GY15- 50	50	C3	20000	231198
GY15- 60	60	C3	20000	231199
GY15- 100	100	C3	20000	231201
GY15- 200	200	C3	20000	231203
GY15- 300	300	C3	20000	231204

## Dimensions GY15 serie

Dimensions (mm)

### GY15



## GY cellular series

