

GY17 SERIES single cell

ALUMINUM CELL

CAPACITY:

100 up to 500 kg

M

65

IP

FOR ACCURACY CLASS C3



GIROPES

WEIGHING SOLUTIONS



GIROPES



GY17

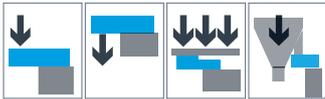
SINGLE CELL

min 100 kg
max 500 kg

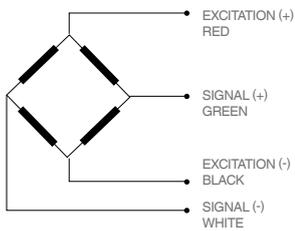


APPLICATIONS

Single cell platforms
600x600 mm



APPROPRIATE FOR LOADS
NOT CENTERED



An innovative solution designed to carry out weighing procedures to new standards of precision and performance.

The Giropes GY17 load cell redefines precision weighing with its incomparable quality and performance. Designed to fulfil the highest requirements of the industry, the GY17 offers a maximum capacity of 100kg to 500 kg, guaranteeing precise measurements in a wide range of industrial applications.

With a nominal output of $2 \text{ mV/V} \pm 0.3 \text{ mV/V}$ and precision C capacity, the GY17 provides precise and consistent measurements under all conditions. Its capacity to reach 6,000 load intervals guarantees millimetric precision in each weighing, while its safe overload ratio of 150% of E_{max} ensures a reliable and secure operation at all times.

BUILT TO LAST:

Manufactured with high quality aluminum and protected with silicone rubber, the GY17 is designed to resist the most demanding of conditions. Its robust construction and protection against inclement conditions make it ideal for difficult industrial environments, from warehouses to production lines.

VERSATILE AND RELIABLE:

With a wide temperature range from $-10 \text{ }^\circ\text{C}$ to $+40 \text{ }^\circ\text{C}$ and a pLC fraction of 0.7, the GY17 offers consistent performance in a range of operating environments. In addition, its compatibility with a recommended excitation of 10 V AC / DC means that it can easily be integrated into a variety of weighing systems.



GIROPES) CE
Mod:GY17 C3
Cert.R60/2017-CS-A-22-34
 $E_{\text{max}}=500\text{kg}$ $-10^\circ\text{C}/+40^\circ\text{C}$
 $C = 2.0\text{mV/V} \pm 0.3\text{mV/V}$
 $V_{\text{min}}/E_{\text{max}}/17000$
S/N:4212250035



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: 500 kg.

Construction: Robust and hardwearing.

Safe overload ratio: Up to 150% of E_{max}, ensuring reliable and secure operation at all times.

Specifications

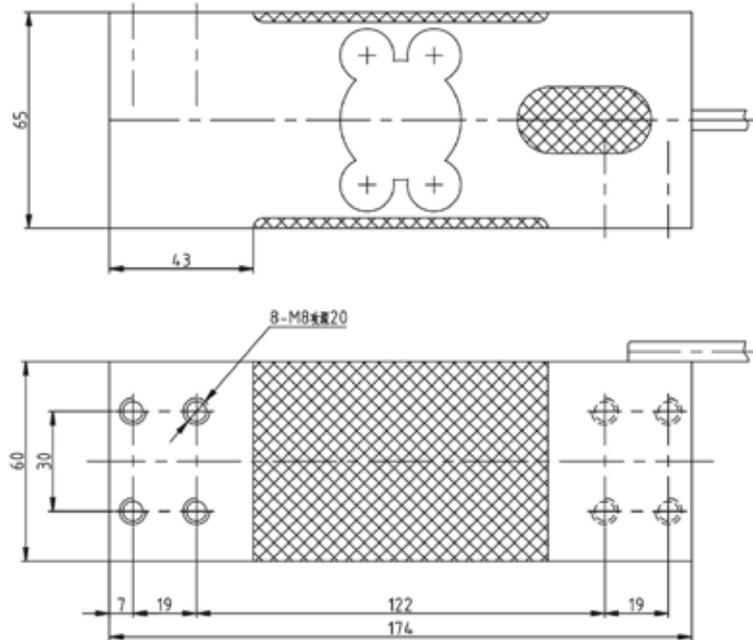
Type of load cell:	GY17	
Maximum Capacity (E_{max})	100 kg hasta 500 kg	500kg
Minimum dead weight	0 kg	
Precision category	C3	
Nominal output	2 mV/V ± 0,3 mv/V	
Maximum number of load cell intervals (n)	6000	
Minimal interval ratio for load cell verification (Y)	20000	17000
Return ratio for minimum dead weight output (Z)	6000	
Input impedance	404Ω ± 10Ω	
Temperature range	-10 °C / + 40 °C	
P_{LC} fraction	0,7	
Humidity classification	NH	
Secure overload	150 % of E _{max}	
Output impedance	350Ω ± 3Ω	
Recommended excitation	10 V AC / DC	
Maximum excitation	15 V AC / DC	
Material	Aluminum	
Atmospheric protection	Silicone rubber	

100-500kg

Reference	Nominal load - In (kg)	Precision classification n. OIML	y = e _{max} / v _{min}	# Code
GY17- 100	100	C3	20000	231220
GY17- 200	200	C3	20000	231222
GY17- 300	300	C3	20000	231224
GY17- 500	500	C3	17000	231225

Dimensions GY17

Dimensions (mm)



GY cellular series

