

GY13 - GY13L SERIES single cell

ALUMINUM CELL

CAPACITY:

3 up to 100 kg

M

65

IP

FOR ACCURACY CLASS C3



GIROPES

WEIGHING SOLUTIONS



GIROPES



GY13-GY13L

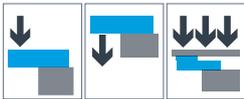
SINGLE CELL

min 3 kg
max 100 kg

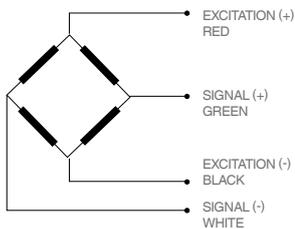


APPLICATIONS

Single cell platforms
250x350 mm (up to 50kg)



APPROPRIATE FOR LOADS
NOT CENTERED



The GY13&GY13L series is appropriate for lighter and specific loads and ensures precise and constant measurements

Its unique size makes it perfect for integration into specific weighing platforms, guaranteeing excellent precision.

PRECISION AND RELIABILITY:

With Class C precision and a nominal output of 2 mV/V \pm 0.3 mV/V, the GY13 & GY13L series guarantees precise and consistent measuring under any circumstances. Its robustness and hardwearing design, high quality aluminum construction and silicone rubber protection assures a reliable performance even in demanding conditions.

EASY INTEGRATION AND COMPATIBILITY:

With an input impedance of 402 Ω \pm 15 Ω and an output impedance of 365 Ω \pm 35 Ω , the GY13 can eas-

ily be integrated into a wide variety of weighing systems, which guarantees there are no problems with compatibility and ease of installation.

ROBUST AND HARDWEARING CONSTRUCTION

Manufactured in high quality aluminum and with silicone environmental protection, the GY13 & GY13L series is designed to resist the most extreme conditions and it has a long useful life in any environment.

GY13L



GY13



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: 100 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:	GY13		GY13L	
Maximum Capacity (E_{max})	3 kg to 30 kg	30 kg to 50 kg	10 kg to 30 kg	50 kg to 100 kg
Minimum dead weight	0 kg		0 kg	
Precision category	C3		C3	
Nominal output	2 mV/V ± 0.3 mV/V		2 mV/V ± 0.3 mV/V	
Maximum number of load cell intervals (n)	4500	6000	5000	6000
Minimal interval ratio for load cell verification (Y)	6000	20000	14000	20000
Return ratio for minimum dead weight output (Z)	6000		6000	
Input impedance	402Ω ± 15Ω		402Ω ± 15Ω	
Temperature range	-10 °C / + 40 °C		-10 °C / + 40 °C	
P_{LC} fraction	0.7		0.7	
Humidity classification	CH		CH	
Secure overload	150 % of E _{max}		150 % of E _{max}	
Output impedance	365Ω ± 35Ω		365Ω ± 35Ω	
Recommended excitation	10 V AC / DC		10 V AC / DC	
Maximum excitation	15 V AC / DC		15 V AC / DC	
Material	Aluminum		Aluminum	
Atmospheric protection	Silicone rubber		Silicone rubber	

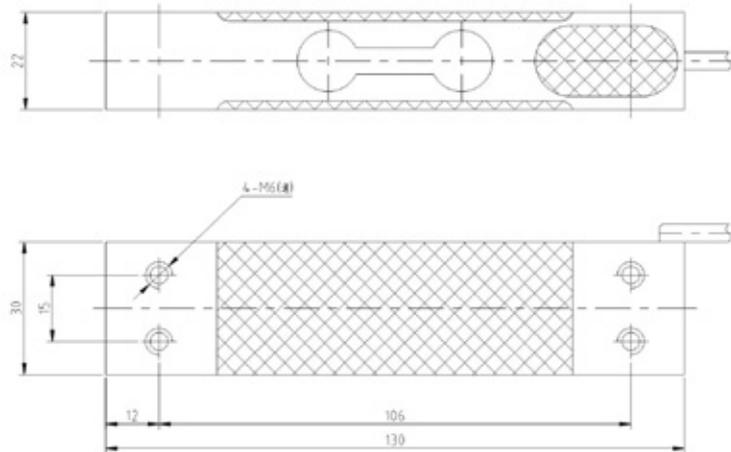
3-100kg

Reference	Nominal load - In (kg)	Precision classification n. OIML	y = e _{max} / v _{min}	# Code
GY13 - 3	3	C3	6000	231178
GY13 - 5	5	C3	6000	231179
GY13 - 6	6	C3	6000	231180
GY13 - 8	8	C3	6000	231181
GY13 - 10	10	C3	6000	231182
GY13 - 15	15	C3	6000	231183
GY13 - 20	20	C3	6000	231184
GY13 - 30	30	C3	6000	231185
GY13 - 35	35	C3	20000	231186
GY13 - 40	40	C3	20000	231187
GY13 - 50	50	C3	20000	231188
GY13L- 10	10	C3	14000	231267
GY13L- 15	15	C3	14000	231268
GY13L- 20	20	C3	14000	231269
GY13L- 30	30	C3	14000	231270
GY13L- 50	50	C3	20000	231271
GY13L-100	100	C3	20000	231190

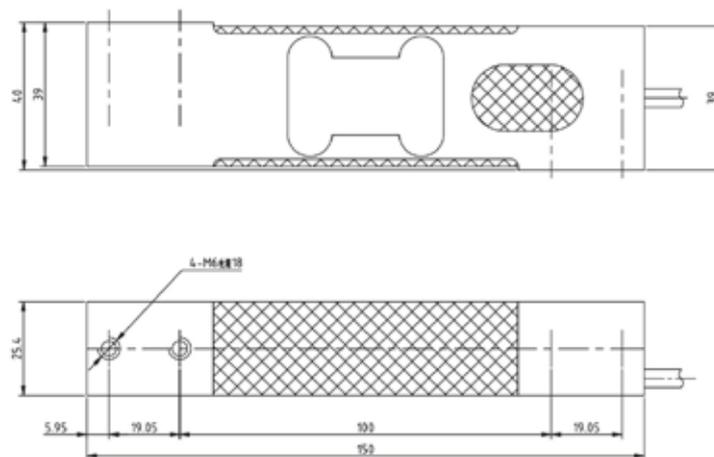
Dimensions

Dimensions (mm)

GY13



GY13L



GY cellular series

