



GIROPES
WEIGHING SOLUTIONS

Load cells

CATALOGUE 2024

QUALITY AND
MAXIMUM RELIABILITY | **DESIGN**
OWN FABRICATION

V1 EN NP



GIROPES)
WEIGHING SOLUTIONS



Development objectives, ESG criteria in Giropes

Giropes is establishing a new strategy with a commitment to sustainability and corporate responsibility to address environmental and social challenges, attract employees and customers committed to a more sustainable way of doing business.

The key areas in which we integrate our strategy include resource management, production, supply chain, waste management and stakeholder relations, reaffirming the pursuit of excellence in a socially and environmentally responsible manner.

***ESG criteria
at Giropes***
Achieving a more just and
sustainable future for all
people and the planet

WORKERS

MANAGERS

PARTNERS

CUSTOMERS

SUPPLIERS

SOCIETY

CREDITORS

GOVERNMENT

Environmental

Our goal is to reduce greenhouse gas emissions to address climate change and the impact of our activities on the planet.

ACTIONS.

Energy efficiency: Giropes facilities in Girona and facilities in Toledo have solar panels with 268 panels providing enough power to produce sufficient green energy, along with other corrective consumption measures, to receive a total supply (in the case of Girona) in self-generation of electricity. In the Vilamalla facilities, this new investment will generate an estimated reduction of 37 tons of CO₂ annually. In the case of Toledo, it represents 15 tons of CO₂ annually.

Waste management: Replacement of plastic strapping with eco-friendly strapping: savings of almost 27 km of strapping in Baxtran and over 10 km in Giropes brand packaging (application since 2023). Replacement of bubble wrap with kraft paper for product padding and protection in boxes (application since 2023). Increasing the rigor of a selective collection system, cardboard, iron in collaboration with the recycling company Sersal.

Production efficiency: This year, a decision was made to invest in the modernization of robotics at the truck scale production plant. In this sense, the replacement of the robotic welding line was proposed, seeking an improvement in the system itself, but also with a view to energy efficiency and savings.

Supply Chain: Specifically in the manufacture of truck scales, our suppliers work with CELSA Group, which has obtained the UNE-EN ISO 14201 Certificate certifying that our truck scales are manufactured with recycled material content (scrap) in a percentage greater than 90%, and that said material is 100% recyclable thereafter. This requirement is verified in the periodic inspections carried out at the factory under the product certification of the AENOR Brand N.



Socials

Investing in operations in terms of labor conditions such as employee relations and human rights.

ACTIONS.

Education: Training calendar focused on the different teams in order to increase their linguistic, technical and other competency skills.

Cybersecurity: The protection of digital assets is essential for the integrity and confidentiality of information. Some of the actions taken are: staff awareness, access management, firewalls and other protections, data encryption and vendor evaluation.

Satisfacción del cliente: In compliance with ISO9001 we conduct an annual customer satisfaction survey on product and service.

Gender equality and diversity: Development of the Equality Plan and implementation of dissemination and corrective actions. Implementation of the workplace harassment protocol.

Health and safety: Psychosocial studies and occupational risk prevention.



Corporate governance

The oversight, structures, policies, rules and controls related to the ownership, leadership, processes and risk management of an enterprise.

ACTIONS.

Steering Committee: We have a steering committee composed of different directors of the company with a diversity of perspectives and sensitivities where different decisions and organisational issues are discussed.

Accountability structure: Elaboration of the organisational chart of accountability structure and functions of the different departments and their interrelationship, ensuring an alignment with the expectations of industry standards.

Responsible business practices and processes: Giropes conducts internal and external audits, to establish policies and management practices overseen by experienced, empowered and accountable leaders.

Public disclosure of the company's ESG objectives: Giropes produces internal communications, annual reports, websites, social media and press for ESG stories.



GIROPES

THE VALUE OF WEIGHT AS INSPIRATION AND PASSION

From the very beginning, Giropes has regarded weighing as a vital part of the production and quality processes. As such, it has always invested in R&D to be able to offer the most complete weighing solutions possible without limiting itself to simple weighing systems.

With the desire for continuous improvement and this strong investment in R&D, Giropes has gone from being a metal processing company focused on the treatment of metal to convert it into elements of a weighing system, to a cutting-edge company that has committed itself to offering all the solutions that revolve around this complex process.

Over the last few years Giropes has invested heavily in R&D, incorporating its own manufactured weight indicators, complete automations for all types of installations and weighing software that allows complete control over your facilities.

Integrated load cells, solutions for the industry

The catalog of Giropès products has been tailored to give solutions to different processes in the industry, where weighing is vital to optimize resources and their production. We provide innovative solutions to important companies in the food, construction and recycling sectors, all over the world.

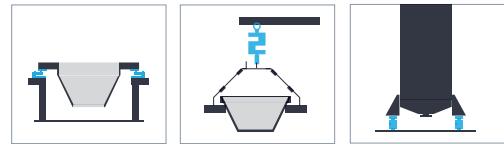
Reliable and accurate weighing

WEIGHING TANKS, HOPPERS AND REACTORS

Complete solutions with weighing systems of hoppers and silos, offering the different components and devices to complete the installation.

Giropès load cells range with different capacities, precisions and protection according to the demands of the work environment.

Weighing indicators helping process of automation and weighing system control.



WEIGHING SUSPENDED HOPPER

Mounting kits with load cells allow to solve the weighing with reactors.

PESAJE SUSPENDIDO DE UNA TOLVA

We offer different types of load cells to make these solutions directly or with our traction accessories.

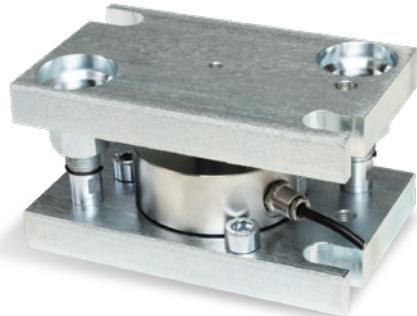
WEIGHING SILOS

Our mounting kits allow us to solve weighing with silos or hoppers. Including specific silent blocks to absorb vibrations.

MOUNTING KITS

WEIGHING SILOS

Our mounting kits allow us to solve weighing with silos or hoppers. Including specific silent blocks to absorb vibrations.



Weighing and dosing

WEIGHING FOR AUTOMATION OF PROCESSES

We offer weighing solutions to optimize your productivity and the availability of your equipment.

We offer a wide and dedicated catalog to complete the weighing and dosing solutions, specifically for the integration in monitoring systems and control of manufacturing processes.

LOAD CELLS

INDEX

G1M	10
G3M	11
G6MD	12
G6M	13
L6D	14
L6F	15
L6E	16
L6G	17
G4M	18

LOAD CELLS



ACCESSORIES

JUNCTIONS BOXES
PLASTIC AND ALUMINIUM

60-62 **JUNCTIONS BOXES**
 STAINLESS STEEL

63-64 **FEET**

65 **ROD ENDS FOR TENSION**

	G3S	20
	G5N	21
SUPPORT & ACCESSORIES	G5N	21
	G5i	22
	G5Ti	23
SUPPORT & ACCESSORIES	G5i / G5Ti	24
	G35	26
SUPPORT & ACCESSORIES	G35	27
	H8C	28
	G1i	29
SUPPORT & ACCESSORIES	G1i	29
	G2i	30
SUPPORT & ACCESSORIES	G2i	31
	G34	32
SUPPORT & ACCESSORIES	G34	33
	GTH	34
SUPPORT & ACCESSORIES	GTH	34
	460	36
SUPPORT & ACCESSORIES	460	37

	GTD	38
	GTC	39
	GTI	40
SUPPORT & ACCESSORIES	GTI	41
	G6R	42
	C16	43
	G8R	44
SUPPORT & ACCESSORIES	G8R	45
	G8R-CP	46
SUPPORT & ACCESSORIES	G8R-CP	47
	G8RD	48
SUPPORT & ACCESSORIES	G8RD	49
	GIP 15-60 t	50
	GIP 100-400 t	51
	GIPD	52
SUPPORT & ACCESSORIES	GIP-GIPD	53

SHEAR BEAM / DOUBLE SHEAR BEAM

COMPRESSION

TRACTION/ COMPRESSION



GUARANTEE, RMA AND CONDITIONS OF SALE

67 GUARANTEE AND CONDITIONS OF SALE

68 RMA

69 CONDITIONS OF SALE

G1M

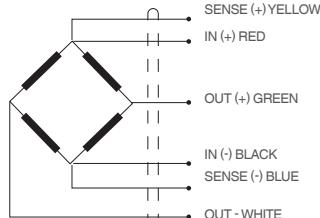
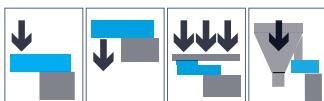
SINGLE CELL

50 kg



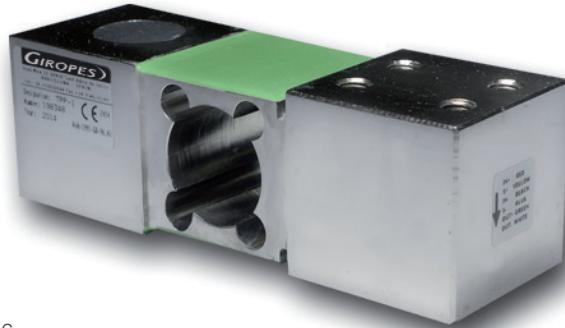
APPLICATIONS

Bench platform up to 600 x 600 mm.
Hopper weighing



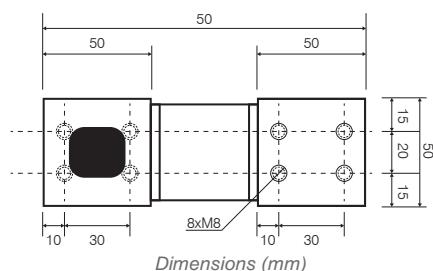
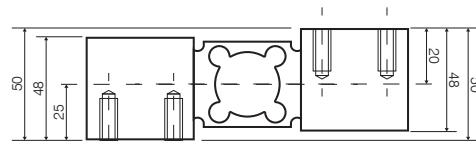
FEATURES

- Single load cell.
- Shear beam load cell.
- Stainless steel building.
- 3000 divisions OIML R60 class c.
- Direct assembly at platform.
- High accuracy with off-center loads.
- Low profile.
- Protected against humidity IP67 (en60529).



SPECIFICATIONS

Nominal capacities (LN)	50 kg
Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Maximum combined error	0,017 %Sn
Repeatability error	0,015 %Sn
Temperature effect on zero	0,01 %Sn/5°C
Temperature effect on sensitivity	0,006 %Sn/5°C
Creep error	0,016 %Sn
Temperature compensation	-10,40 °C
Temperature limits	-20,50 °C
Nominal sensitivity	2±0,1% mV/V (2)
Nominal input voltage	10 V (2)
Maximum input voltage	15 V (2)
Input impedance	386±10% Ω
Output impedance	350±10% Ω
No load output(SN)	2 %Sn
Insulation resistance	> 5000 MΩ
Maximum deflection	0,2-0,6
Cable lenght	5m



CODE G1M

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G1M-50	50	C3	12500	230610

G3M

SINGLE CELL

min	50 kg
max	200 kg

67 IP M

FEATURES

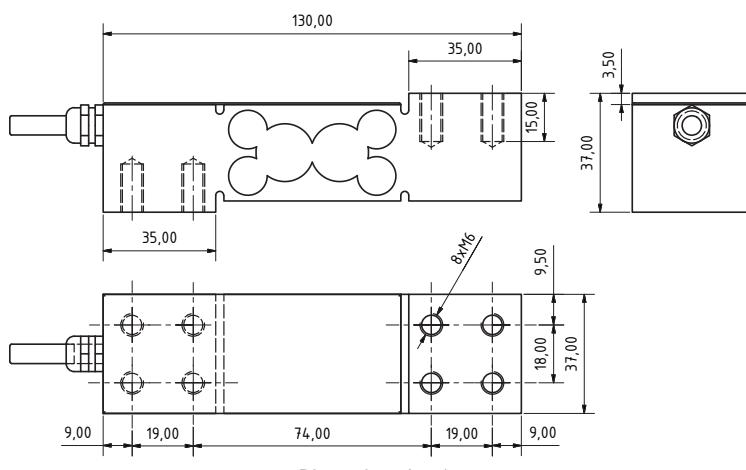


- Single load cell.
- Shear beam load cell.
- Stainless steel building.
- 3000 divisions OIML R60 class C.
- Direct assembly at platform.
- High accuracy with off-center loads.
- Low profile.
- Protected against humidity IP67 (EN60529).

SPECIFICATIONS

Nominal capacities (LN) 50-75-100-150-200 kg

Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Maximum combined error	0,017 %Sn
Repeatability error	0,015 %Sn
Temperature effect on zero	0,01 %Sn/5°C
Temperature effect on sensitivity	0,006 %Sn/5°C
Creep error	0,016 %Sn
Temperature compensation	-10,40 °C
Temperature limits	-20,50 °C
Nominal sensitivity	2±0,1% mV/V (2)
Nominal input voltage	10 V (2)
Maximum input voltage	15 V (2)
Input impedance	386±10% Ω
Output impedance	350±10% Ω
No load output(SN)	2 %Sn
Insulation resistance	> 5000 MΩ
Maximum deflection	0,2-0,6
Cable lenght	5m



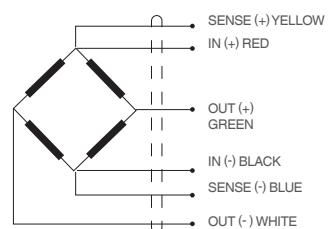
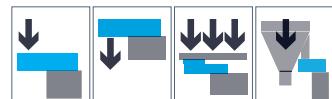
Dimensions (mm)

CODE G3M

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G3M-50	50	C3	9433	230620
G3M-75	75	C3	9433	230621
G3M-100	100	C3	9433	230622
G3M-150	150	C3	9433	230623
G3M-200	200	C3	9433	230624

APPLICATIONS

Bench platform up to 500x500 mm.
Hopper weighing



G6MD

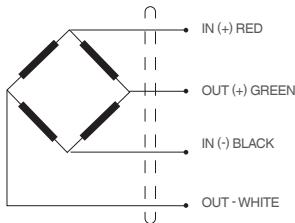
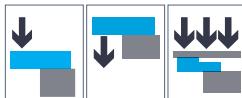
SINGLE CELL

min	2 kg
max	5 kg



APPLICATIONS

Bench platform up to 400x400 mm.

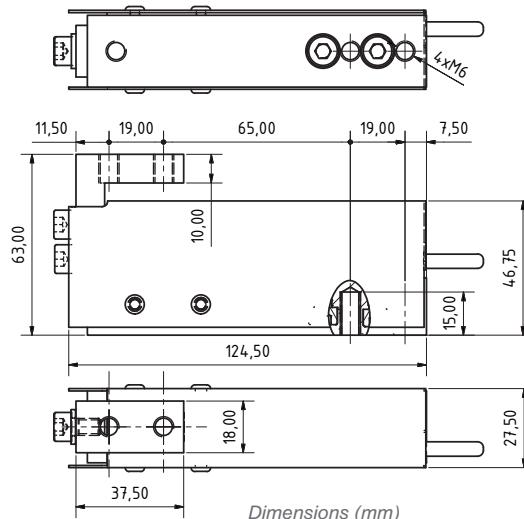


FEATURES

- Single load cell.
- Shear beam load cell.
- 3000 divisions OIML R60 class C.
- Direct assembly at platform.
- High accuracy with off-center loads.
- Low profile.
- Aluminum building.
- Protected against humidity IP66 (EN60529).

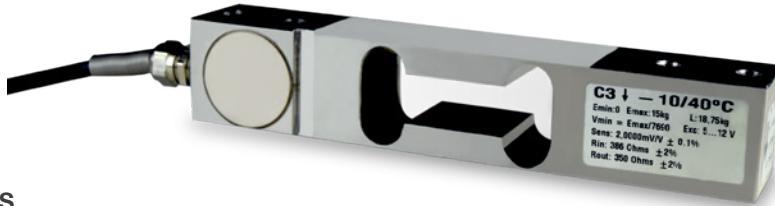
SPECIFICATIONS

Nominal capacities (LN)	2 - 3 - 5 kg
Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Maximum combined error	<± 0,017 %Sn
Repeatability error	<± 0,015 %Sn
Temperature effect on zero	<± 0,01 %Sn/5°C
Temperature effect on sensitivity	<± 0,006 %Sn/5°C
Creep error	<± 0,016 %Sn
Temperature compensation	-10.40 °C
Temperature limits	-20.50 °C
Nominal sensitivity	2±0,1% mV/V (2)
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	400±10% Ω
Output impedance	350±10% Ω
No load output(SN)	<± 2 %Sn
Insulation resistance	> 5000 MΩ
Maximum deflection	0.2-0.4 mm
Cable lenght	5 m



CODE G6MD

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G6MD-2	2	3000	7690	230601
G6MD-3	3	3000	7690	230602
G6MD-5	5	3000	7690	230605

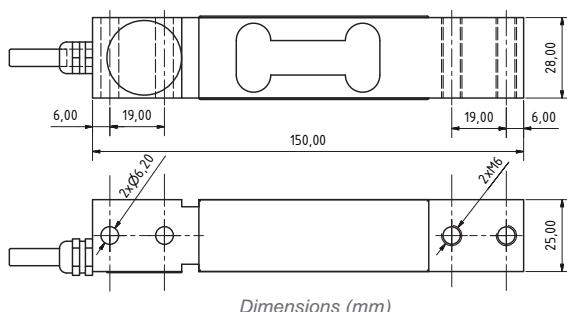


FEATURES

Single load cell.
 Shear beam load cell.
 Low profile. Stainless steel building.
 3000 divisions OIML R60 class C.
 Direct assembly at platform.
 High accuracy with off-center loads. (It is necessary to add the thickness. Not included).
 Protected against humidity IP66 (EN60529).

SPECIFICATIONS

Nominal capacities (LN)	5-10-15-18-20-25-30-35-40 kg
Accuracy class	3000 n. OIML 6000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Maximum combined error	<± 0,017 %Sn
Repeatability error	<± 0,015 %Sn
Temperature effect on zero	<± 0,01 %Sn/5°C
Temperature effect on sensitivity	<± 0,006 %Sn/5°C
Creep error	<± 0,016 %Sn
Temperature compensation	-10.40 °C
Temperature limits	-20.50 °C
Nominal sensitivity	2±0.1% mV/V (2)
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	386±10% Ω
Output impedance	350±10% Ω
No load output(SN)	< ± 2% Sn
Insulation resistance	> 5000 MΩ
Maximum deflection	0.2-0.4 mm
Cable lenght	5 m



Dimensions (mm)

CODE G6M

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Platform	Code #
G6M-5	5	3000	7690	400 x 300	230665
G6M-10	10	3000	7690	300 x 400	230666
G6M-15	15	3000	7690	400 x 400	230667
G6M-18	18	6000	11500	400 x 400	230668
G6M-20	20	6000	11500	400 x 400	230669
G6M-25	25	6000	11500	400 x 400	230670
G6M-30	30	6000	11500	400 x 400	230671
G6M-35	35	6000	11500	400 x 400	230672
G6M-40	40	6000	11500	400 x 400	230673

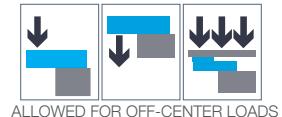
SINGLE CELL

min 5 kg
 max 40 kg

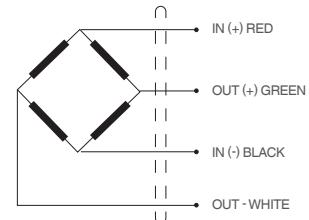
66
 IP
 M

APPLICATIONS

Bench platform up to 400x400 mm.



ALLOWED FOR OFF-CENTER LOADS



L6D

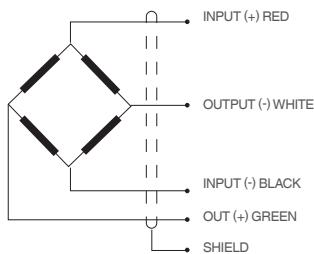
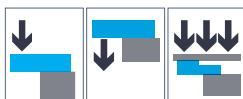
SINGLE CELL

min	3 kg
max	50 kg



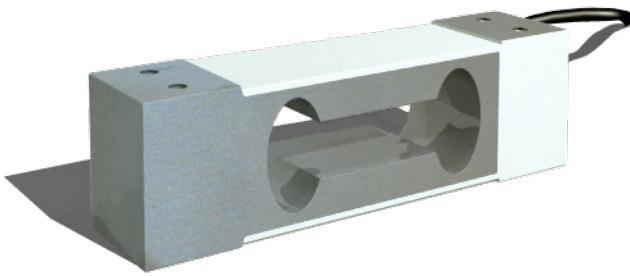
APPLICATIONS

Bench platform up to 250x350 mm.
 Pricing scales.
 Counting scales.



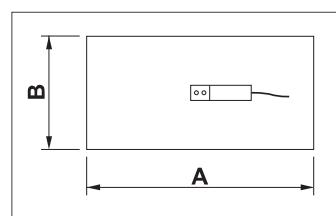
FEATURES

Shear beam load cell.
 Anodized aluminium construction, silicone sealing.
 3000 divisions OIML R60 class C.
 Protection IP65.
 High accuracy with off-center loads.

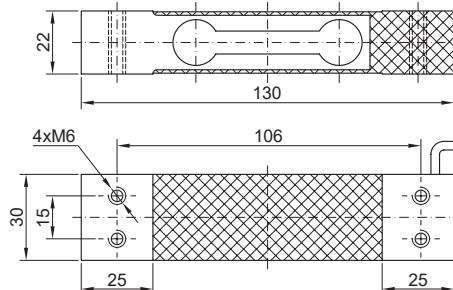


SPECIFICATIONS

Nominal capacities (LN)	3-6-15- 20-30-50 kg
Accuracy class	C3
Maximum capacity	3-6-15-20-50 kg
Output sensitivity	$2.0 \pm 0.2 \text{ mV/V}$
Max number of load cell intervals	3000
Minimum dead load	0
Safe overload	150% Emax
Excitation recommended	10V
Excitation maximum	18V
Zero balance	$\leq \pm 2\% \text{ RO}$
Input impedance	$409 \pm 6 \Omega$
Output resistance	$350 \pm 3.5 \Omega$
Insulation impedance	$\geq 5000 \text{ M}\Omega$
Temperature range compensated	-10/+40 °C
Temperature range operating	-35/+85 °C
Atmospheric protection	IP65
Maximum dimension for the platform	250x350 mm
Cable length	0.4 m



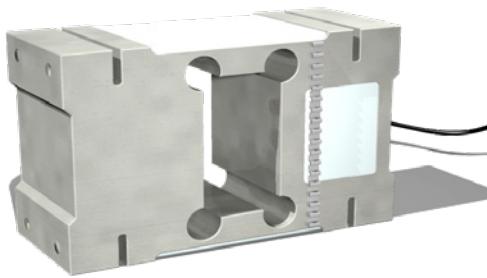
Dimensions platforms (mm)



Platform A x B
 250 x 350

CODE L6D

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
CLL6D-3	3	C3	10000	230357
CLL6D-6	6	C3	10000	230358
CLL6D-15	15	C3	10000	230359
CLL6D-20	20	C3	10000	230360
CLL6D-30	30	C3	10000	230361
CLL6D-50	50	C3	10000	230363

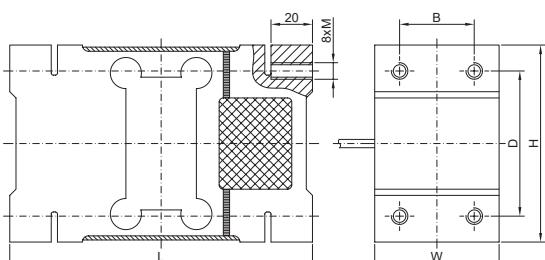


FEATURES

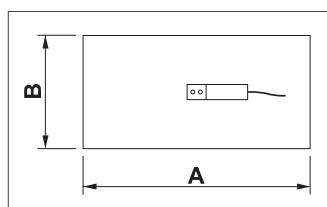
Shear beam load cell.
Anodized aluminium construction, silicone sealing.
3000 divisions OIML R60 class C.
Protection IP65.
High accuracy with off-center loads.

SPECIFICATIONS

Nominal capacities (LN)	250-500-750 kg
Accuracy class	C3 n. OIML
Output sensitivity	$2.0 \pm 0.2 \text{ mV/V}$
Maximum capacity	250-500-750 kg
Max number of load cell intervals	3000
Ratio of maximum capacity to min load cell verification interval	7000
Minimum dead load	0
Safe overload	150 % Emax
Excitation recommended	5 - 12 V
Excitation maximum	18 V
Zero balance	$\leq \pm 2 \% \text{ RO}$
Output resistance	$409 \pm 6 \Omega$
Input impedance	$350 \pm 3 \Omega$
Insulation impedance	$\geq 5000 \text{ M}\Omega$
Temperature range compensated	-10 - +40 °C
Temperature range operating	-35 - +65 °C
Atmospheric protection	IP65
Maximum dimension for the platform	600x800 (250-750 kg) mm 1200x1200 (750 kg) mm
Cable lenght	3 m



Dimensions (mm)



Dimensions platforms (mm)

Type	N. capacity	l	w	h	d	b	m	Transport weight
a	250 - 750 kg	146	60	95	70	36	M12	2.5 kg
b	750 kg	176	76	125	95	46	M15	3 kg

Platform A x B	Code #
800 x 800 mm	230370 230371 230372 (a)
1200 x 1200 mm	230387 (b)

GIROPES
CE OIML M

L6F

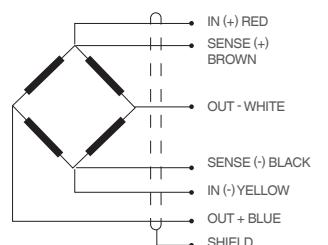
SINGLE CELL

min	250 kg
max	750 kg

65
IP **M**

APPLICATIONS

Bench platform up to
800 x 800 mm
1200 x 1200 mm
Counting scale



CODE L6F

Reference	N. capacity - ln (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
L6F-250	250	C3	7000	230370
L6F-500	500	C3	7000	230371
L6F-750 (a)	750	C3	7000	230372
L6F-750 (b)	750	C3	7000	230387

L6E

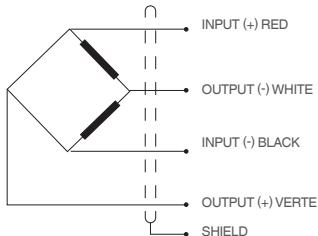
SINGLE CELL

min	60 kg
max	200 kg



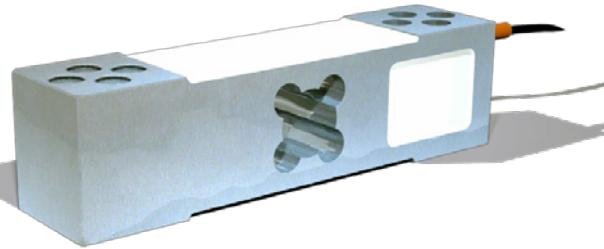
APPLICATIONS

Bench platform up to 400x400 mm.



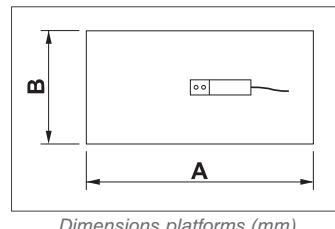
FEATURES

Shear beam load cell
 Anodized aluminium construction, silicone sealing.
 3000 divisions OIML R60 class C.
 Protection IP65.
 High accuracy with off-center loads.



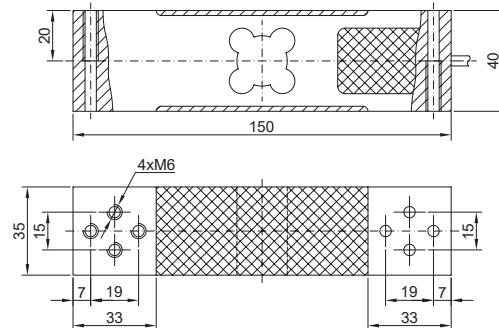
SPECIFICATIONS

Nominal capacities (LN)	60-100-200 kg
Accuracy class	C3
Output sensitivity	$2.0 \pm 0.1 \text{mV/V}$
Max number of load cell intervals	3000
Minimum dead load	0
Safe overload	150% Emax
Excitation recommended	10 V
Excitation maximum	12 V
Zero balance	$\leq \pm 2\% \text{ RO}$
Input impedance	$406 \pm 6 \Omega$
Output resistance	$350 \pm 3 \Omega$
Insulation impedance	$\geq 5000 \text{ M}\Omega$
Temperature range compensated	-10 - +40 °C
Temperature range operating	-30 - +80 °C
Atmospheric protection	IP65
Maximum dimension for the platform	400x400 mm
Cable length	2 m



Dimensions platforms (mm)

Platform A x B
 400 x 400



Transport weight 0.8 kg | Dimensions (mm)

CODE L6E

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
L6E-60	60	C3	10000	230365
L6E-100	100	C3	10000	230366
L6E-200	200	C3	10000	230367

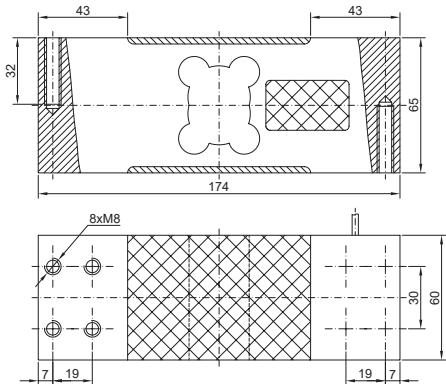


FEATURES

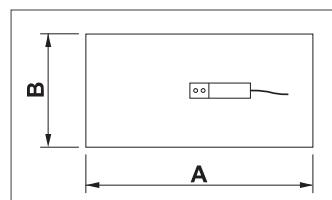
Shear beam load cell.
 Anodized aluminium construction, silicone sealing.
 3000 divisions OIML R60 class C.
 Protection IP65.
 High accuracy with off-center loads.

SPECIFICATIONS

Nominal capacities (LN)	100-200-500 kg
Accuracy class	C3
Output sensitivity	$2.0 \pm 0.2 \text{ mV/V}$
Maximum capacity	100-200-500 kg
Max number of load cell intervals	3000
Minimum dead load	0
Safe overload	150 % Emax
Excitation recommended	5 - 12 V
Excitation maximum	18 V
Zero balance	$\leq \pm 2\% \text{ RO}$
Input impedance	$409 \pm 6 \Omega$
Output resistance	$350 \pm 3 \Omega$
Insulation impedance	$\geq 5000 \text{ M}\Omega$
Temperature range compensated	-10 - +40 °C
Temperature range operating	-35 - +65 °C
Atmospheric protection	IP65
Maximum dimension for the platform	600x600 mm ²
Cable length	3 m



Transport weight 1.8 kg | Dimensions (mm)



Dimensions platforms (mm)

Platform A x B
600 x 600

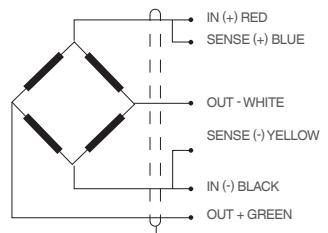
SINGLE CELL

min	100 kg
max	500 kg



APPLICATIONS

Bench platform up to
600 x 600 mm



CODE L6G

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
L6G-100	100	C3	12000	230373
L6G-200	200	C3	12000	230375
L6G-500	500	C3	12000	230378

G4M

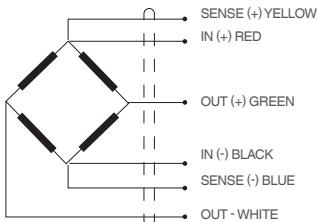
SINGLE CELL

min	100 kg
max	500 kg



APPLICATIONS

Bench platform up to 600 x 600 mm.
Hopper weighing



FEATURES

- Single load cell.
- Shear beam load cell.
- Stainless steel building.
- 3000 divisions OIML R60 class C.
- Direct assembly at platform.
- High accuracy with off-center loads.
- Low profile.
- Protected against humidity IP69k (EN60529).

SPECIFICATIONS

Nominal capacities (LN) 100-150-200-300-360-500 kg

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Maximum combined error <± 0,017 %Sn

Repeatability error <± 0,015 %Sn

Temperature effect on zero 0,01 %Sn/5°C

Temperature effect on sensitivity 0,006 %Sn/5°C

Creep error 0,016 %Sn

Temperature compensation -10,40 °C

Temperature limits -20,50 °C

Nominal sensitivity 2±0,1% mV/V (2)

Nominal input voltage 10 V

Maximum input voltage 18 V

Input impedance 386±2% Ω

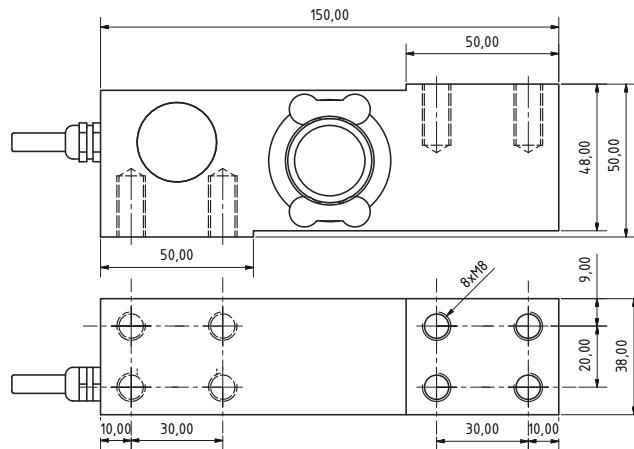
Output impedance 350±10% Ω

No load output(SN) <±2 %Sn

Insulation resistance > 5000 MΩ

Maximum deflection 0,2-0,5 mm

Cable lenght 5 m



Dimensions (mm)

CODE G4M

Reference	N. capacity - ln (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G4M-100	100	C3	10000	230615
G4M-150	150	C3	10000	230616
G4M-200	250	C3	10000	230617
G4M-300	300	C3	10000	230618
G4M-360	360	C3	10000	230721
G4M-500	500	C3	10000	230619



Load cells

SINGLE CELL, FLEXIONS, DOUBLE
SHEAR BEAM, COMPRESSION, TRACTION



G3S

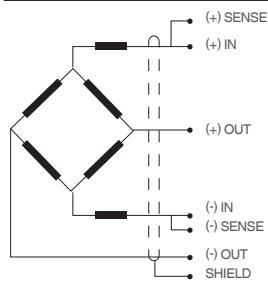
SHEAR BEAM

min 150kg
max 5.000kg

M 68
IP

APPLICATIONS

4 load cells platforms.
Reactors,
tanks and hopper weighing



CONNECTIONS	4-WIRES	6-WIRES
+IN	red	red
-IN	black	black
+OUT	green	green
-OUT	white	white
+SENSE	---	blue
-SENSE	---	yellow
Shield		purple



FEATURES

Shear beam load cell.

Versions:

G3S (0,15t): fully alloy steel construction. Sealed with silicone IP68

G3S (0,15t - 5t): fully alloy steel construction. Hermetically sealed completely welded IP68.

3000 divisiones OIML R60 clase C.

Pre-corner adjustment optimized for multicell systems.

SPECIFICATIONS

Nominal capacities (LN) 150-300-750-1500-2000-2500-3000-5000 kg

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Temperature range compensated -10±40 °C

Temperature limits -20±70 °C

Nominal sensitivity (Sn) 2mV/V (150-750 kg) 3 mV/V (1500-)

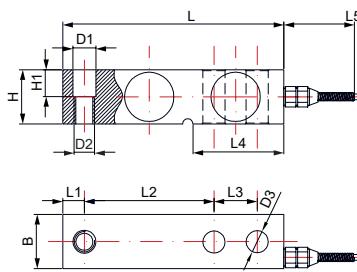
Nominal input voltage 10 - 12 V

Input resistance 400±20 Ω

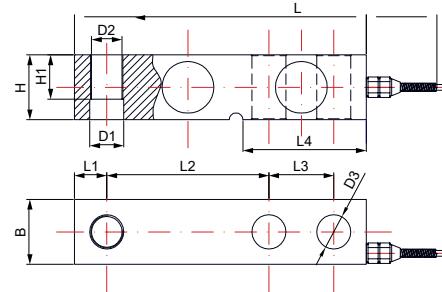
Output resistance 352±3 Ω

Insulation resistance > 5000 MΩ

LOAD CELL
G3S 150-2500 kg



LOAD CELL
G3iS 3000 -5000 kg



Dimensions (mm)

Emax mm	L	L1	L2	L3	L4	L5	H / B	H1	D1	D2	D3
1.0t-2.5t	130	12,7	76,2	25,4	53,5	42	31,8	20	Ø13	M12	Ø13
3.0t-5.0t	171,5	19	95,3	38,1	72,5	42	38,1	26	Ø20	M18x1,5	Ø20

CODE G3S

Reference	Nominal load - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G3S-150	150	C3	10000	230056
G3S-300	300	C3	10000	230057
G3S-750	750	C3	10000	230058
G3S-1500	1500	C3	10000	230059
G3S-2000	2000	C3	10000	230060
G3S-2500	2500	C3	10000	230062
G3S-3000	3000	C3	10000	230064
G3S-5000	5000	C3	10000	230066

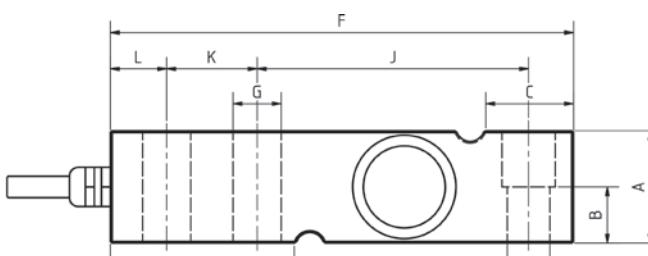
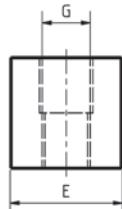
G5N

FEATURES

Shear beam load cell.
 Nickel-plated steel alloy.
 Hermetically sealed, laser welding.
 Protected against humidity IP68 (EN60529).

SPECIFICATIONS

Nominal capacities (LN)	300-500-750-1000-1500-2000-2500-3000-5000 kg
Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	125 %LN
Safe load limit	150 %LN
Total error	0,7% N.L
Repeatability error	< ±0,015 %Sn
Temperature effect	< ±0,01 %Sn/5 °C
Temperature effect on zero of sensitivity	< ±0,006 %Sn/5 °C
Creep error (30 minutes)	< ±0,016 %Sn
Temperature range compensated	-10.. +40 °C
Temperature limits	-20...+70 °C
Nominal input voltage	5 a 12 V
Input impedance	383 Ω ó 1k Ω ± 2 Ω
Output resistance	350 Ω ó 1k Ω ± 2 Ω
Nominal sensitivity (Sn)	2 mV/V
Insulation resistance	> 5000 MΩ
Cable length	5 m



Dimensions (mm)

Nominal capacities (LN)	A	B	C	D	E	F	G	I	J	K	L
300-500-750-1000-1500-2000-2500	31,5	15,5	24,6	51,6	31,5	130	Ø13,5	M12	76,2	25,4	15,8
3000-5000	38,1	12	--	72	38,1	171,5	20	M18	95,4	38,1	19

CODE G5N

Reference	Nominal load - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G5N 0.30	300	C3	10000	230947
G5N 0.50	500	C3	10000	230948
G5N 0.75	750	C3	10000	230949
G5N 1.0	1000	C3	10000	230950
G5N 1.5	1500	C3	10000	230951
G5N 2.0	2000	C3	10000	230952
G5N 2.5	2500	C3	10000	230953
G5N 3.0	3000	C3	10000	230954
G5N 5.0	5000	C3	10000	230955
G5N 2.0 1k Ω	2000	C3	10000	230959
G5N 3.0 1k Ω	3000	C3	10000	230961

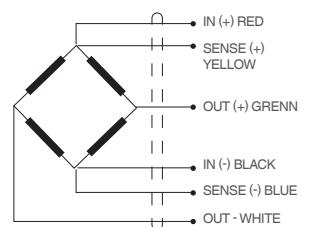
SHEAR BEAM

min 300 kg
 máx 5.000 kg

68
IP M

APPLICATIONS

4 load cells platforms.
 Reactors,
 tanks and hopper weighing



ACCESSORIES

See page 24

G5i

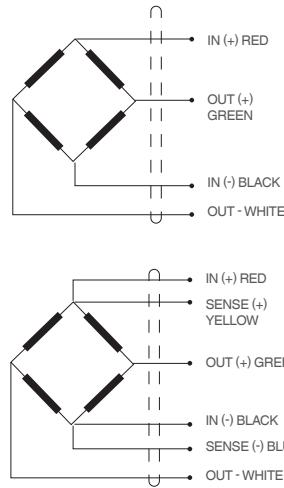
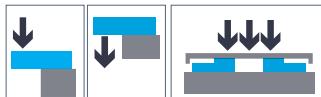
SHEAR BEAM

min 300 kg
 max 7.500 kg

M 69k
IP

APPLICATIONS

4 load cells platforms.
 Reactors,
 tanks and hopper weighing



ACCESSORIES

Consult page 24

FEATURES

Shear beam load cells
 3000 divisions OIML R60 class C
 Fully Stainless steel construction
 Hermetically sealed, Laser welding
 Protected against humidity IP69k (EN60529)



SPECIFICATIONS

Nominal capacities (LN) 300-500-750-1000-1500-2000-2500-3000-5000-7500 kg

Accuracy class C3 n. OIML

Minimum dead load 0 %LN

Service load 125 %LN

Safe load limit 150 %LN

Total error 0,7% N.L

Repeatability error < ±0.015 %Sn

Temperature effect < ±0.01 %Sn/5 °C

Temperature effect on zero of sensitivity < ±0.006 %Sn/5 °C

Creep error (30 minutes) < ±0.016 %Sn

Temperature range compensated -10.. +40 °C

Temperature limits -20..+70 °C

Nominal input voltage 18 V

Input impedance 383Ω ± 2% ó 1100Ω ± 2%

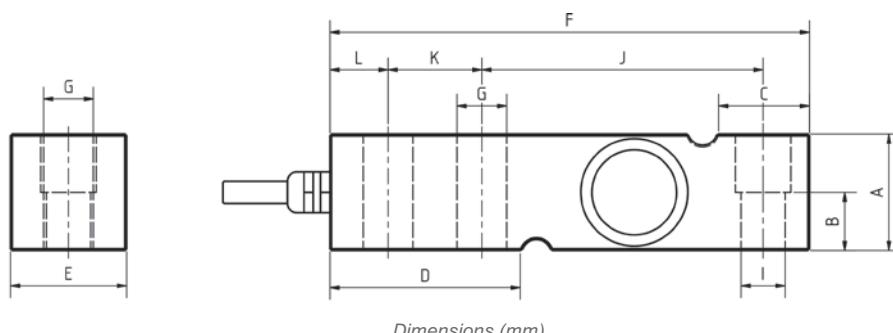
Output resistance 350 ± 3Ω ó 1000 ± 3Ω

Nominal sensitivity (Sn) 2 mV/V ±1%

Insulation resistance > 5000 MΩ

Cable length 5 m

LOAD CELL G5i



Dimensions (mm)

N. capacity kg	A	B	C	D	E	F	G	I	J	K	L
300-500-750-1000-1500-2000-2500	31.5	15.5	24.6	51.6	31.5	130	13.5	M12	76.2	25.4	15.8
3000-5000-7500	38.1	12	--	72	38.1	171.5	20	M18	95.4	38.1	19

CODE G5i

Reference	N. capacity - In (Kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G5i 0.30	300	C3	10000	230828
G5i 0.50	500	C3	10000	230829
G5i 0.75	750	C3	10000	230830
G5i 1.0	1000	C3	10000	230831
G5i 1.5	1500	C3	10000	230832
G5i 2.0	2000	C3	10000	230833
G5i 2.5	2500	C3	10000	230834
G5i 3.0	3000	C3	10000	230835
G5i 5.0	5000	C3	10000	230836
G5i 7.5	7500	C3	10000	230837

G5Ti

SHEAR BEAM

min	300 kg
max	2.500 kg

69k
IP M

FEATURES

Option T for G5i.
 Shear beam load cells.
 3000 divisions OIML R60 class C.
 Fully Stainless steel construction.
 Hermetically sealed, Laser welding.
 Measurement element from stainless steel.
 Protected against humidity IP69k (EN60529).

SPECIFICATIONS

Nominal capacities (LN) 300-500-750-1000-1500-2000-2500

Accuracy class C3 n. OIML

Minimum dead load 0 %LN

Service load 125 %LN

Safe load limit 150 %LN

Total error 0,7% N.L

Repeatability error < ±0,015 %Sn

Temperature effect < ±0,01 %Sn/5 °C

Temperature effect on zero of sensitivity < ±0,006 %Sn/5 °C

Creep error (30 minutes) < ±0,016 %Sn

Temperature range compensated -10.. +40 °C

Temperature limits -20...+70 °C

Nominal input voltage 18 V

Input impedance $383\Omega \pm 2\% \text{ ó } 1100\Omega \pm 2\%$

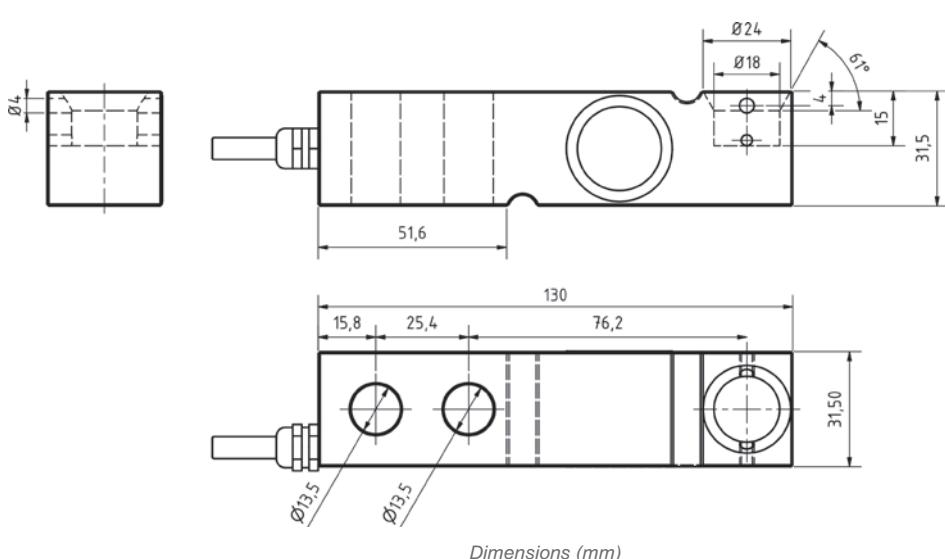
Output resistance $350 \pm 3\Omega \text{ ó } 1000 \pm 3\Omega$

Nominal sensitivity (Sn) 2 mV/V ±1%

Insulation resistance > 5000 MΩ

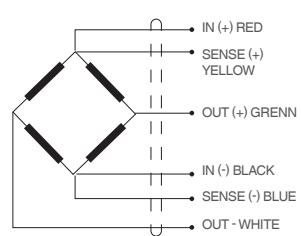
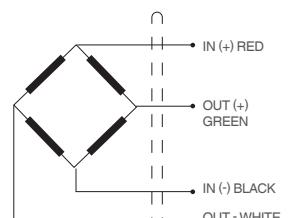
Cable length 5 m

LOAD CELL G5Ti



APPLICATIONS

4 load cells platforms.
 Reactors,
 tanks and hopper weighing

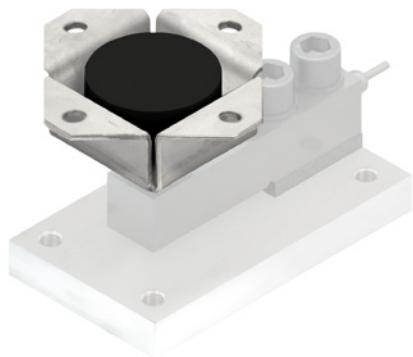
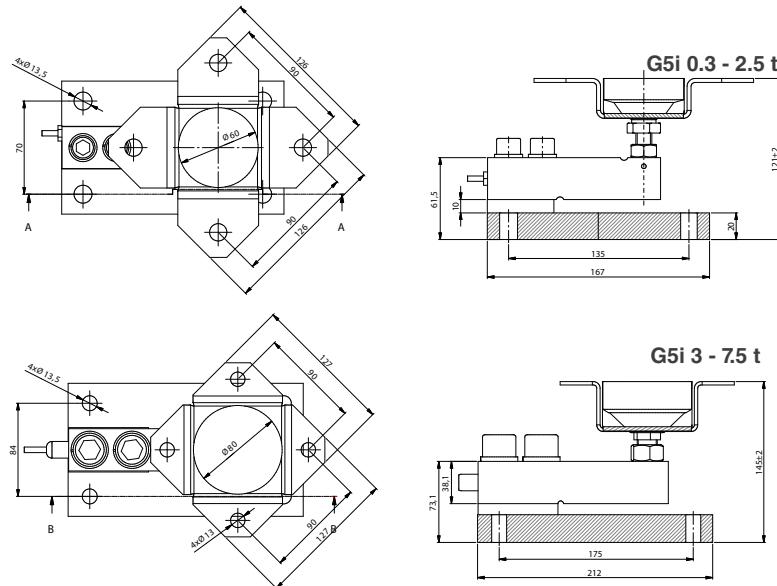


ACCESSORIES

Consult page 24

CODE G5Ti

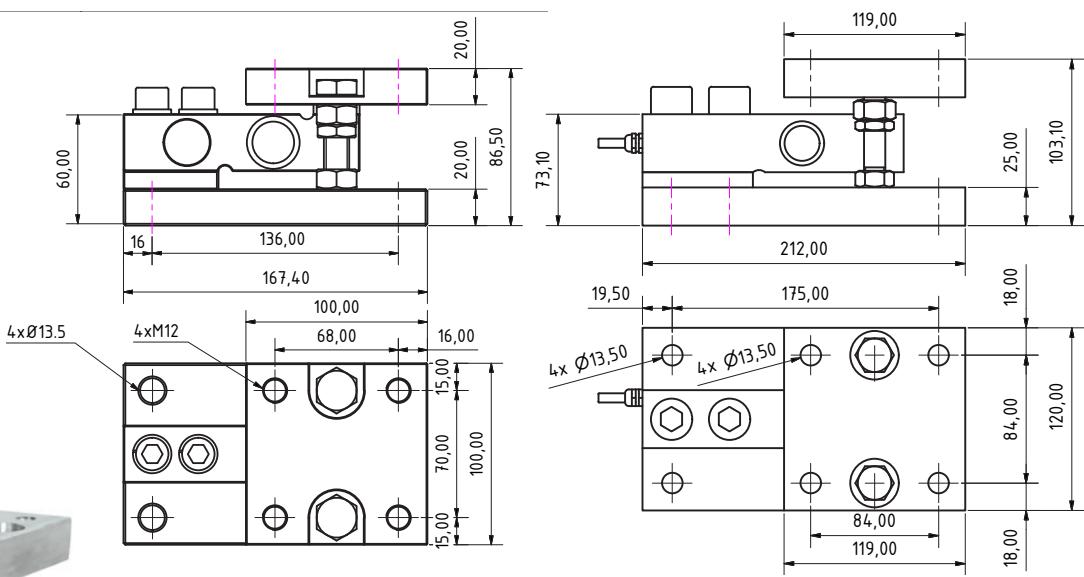
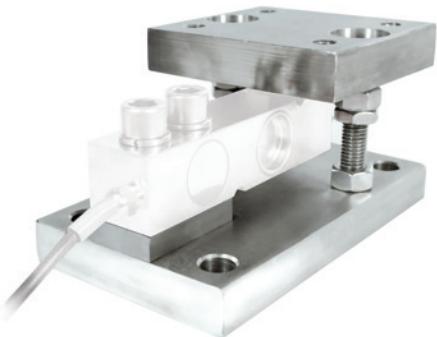
Reference	N. capacity - In (Kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G5Ti 0.30	300	C3	10000	230843
G5Ti 0.50	500	C3	10000	230844
G5Ti 0.75	750	C3	10000	230845
G5Ti 1.0	1000	C3	10000	230846
G5Ti 1.5	1500	C3	10000	230847
G5Ti 2.0	2000	C3	10000	230848
G5Ti 2.5	2500	C3	10000	230849

G5I
G5NADJUSTABLE LIFT-OFF
PREVENTION TOP
PLATE

Dimensions (mm)

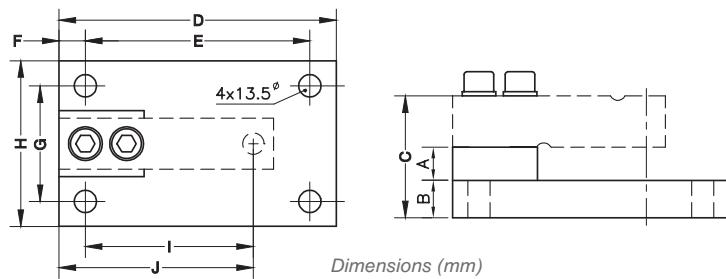
		Accessory	
Load cells	Description	Code #	Description
0.3 - 2.5 t	Lift-off prevention top plate Stainless steel	240514	Foot M12 240064
3 - 7.5 t	Lift-off prevention top plate Stainless steel	420515	Foot M18 240113

* To use the accessory, the load cell foot indicated in the table is necessary

Dimensions en (mm)
AC35902 / AC35902iDimensions en (mm)
AC35903 / AC35903iG5I
G5NMOUNTING KIT
LIFT-OFF
PREVENTION

Reference	#Code	N. capacity	Transport weight	Load cell fastening
AC35902 / AC35902i	240012 / 240013	0.3 - 2 t	5 kg	2 x 20,4
AC35903 / AC35903i	240014 / 240015	3 - 5 t	10 kg	2 x 21,5

Finished				
Load cells	Zinc-plated steel	Code #	Stainless steel	Code #
0.3 - 2 t	ACG4IZ-i	240152	ACG5I-1	240153
3 - 7.5 t	ACG5IZ-2	240157	ACG5I-2	240158

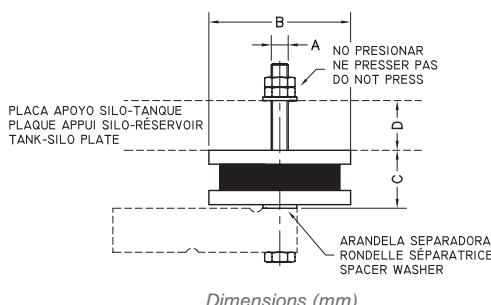


Reference	Code #	N. capacity	Transport weight	Load cell fastening	A	B	C	D	E	F	G	H	I	J
AC35911/ AC35911i	240020 / 240021	0.3 - 2 t	3.2 kg	2 x 20,4	20	20	71.5	168	136	16	70	100	101.6	117.6
AC35912/ AC35912i	240022 / 240023	3 - 5 t	6.5 kg	2 x 21,5	20	30	98	212	175	19	84	120	133.3	152.3

G5I
G5N

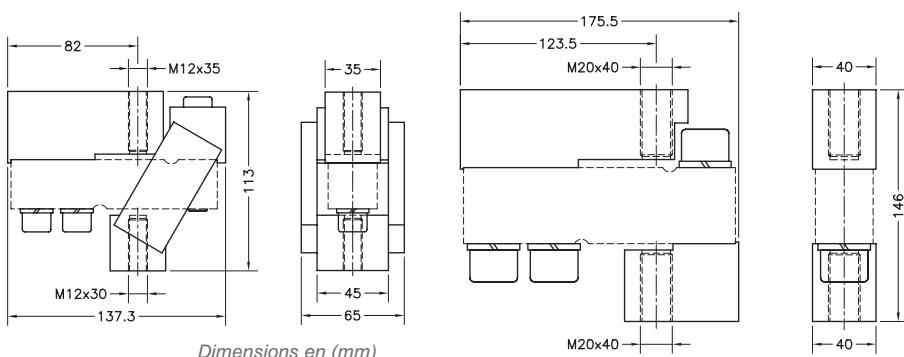
Load cells	Finished		Stainless steel	Code#
	Zinc-plated steel	Code #		
0.3 - 2 t	AC35911	240020	AC35911i	240021
3 - 5 t	AC35912	240022	AC35912i	240023

BASE PLATE

G5I
G5N

Load cells	Finished		Stainless steel	Code #
	Zinc-plated steel	Code #		
G5i 0.3 - 2 t	AC35909 (0.3 - 2 t)	240016	AC35909i (0.3 - 2t)	240017
G5i 3 - 5 t	AC35910 (3 - 5 t)	240018	AC35910i (3 - 5 t)	240019

SILENT-BLOCK



Accessories	N. capacity	Safe load limit	Transport weight
AC35907	0.3 - 2 t	0.3 - 2 t	5 kg
AC35908	3 - 5 t	3 - 5 t	10 kg

Tension accessories on zinc-plated steel, load cells G5i

Load cells	Zinc-plated steel	Code #
0.3 - 2 t	AC35907	240115
3 - 5 t	AC35908	240155

FOR TRACTION

G5I
G5N

G35

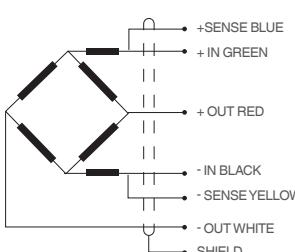
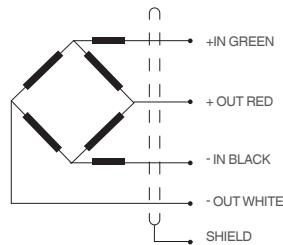
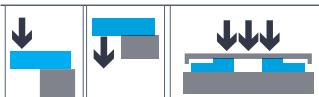
SHEAR BEAM

min 300 kg
max 5.000 kg

M 69k 66 
IP IP ATEX

APPLICATIONS

4 load cells platforms.
Reactors,
tanks and hopper weighing.



FEATURES

Shear beam load cells.

Versions

G35i (300 - 5000 kg) Fully stainless steel.

Hermetically sealed, fully welded, completamente soldada, IP69k (ISO 20653)

G35a (300 - 5000 kg) stainless steel building.

Silicone sealing, IP66 (EN 60529)

G35n (300 - 2000 kg) construcción en Nickel-plated steel.

Silicone sealing, IP66 (EN 60529).

3000 divisions OIML R60 class C.

Pre-corner adjustment optimized for multicell systems.

Available in ATEX version  (optional)

Zona 0-1-2 (gas) and 20-21-22 (dust)



SPECIFICATIONS

Nominal capacities (LN) 300-500-750-1000-1500-2000-3000-5000 kg

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service Load 150 %LN

Safe load limit 200 %LN

Total error <±0.017 %Sn (1)

Repeatability error <±0.015 %Sn

Temperature effect on zero <±0.01 %Sn/5°C

Temperature effect on sensitivity <±0.006 %Sn/5°C

Creep error (30 minutes) <±0.016 %Sn

Temperature compensation -10 - +40 °C

Temperature limits -20 - +70 °C

Nominal sensitivity (Sn) 2 mV/V (2)

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance 400±20 Ω

Output resistance 350±3 Ω

No load output < ±2 %Sn

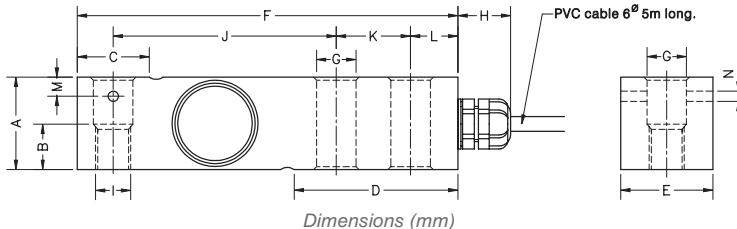
Insulation resistance > 5000 MΩ

Maximum deflection 0.2-0.4

Cable length 5 m

(1) Total error Non-linearity and hysteresis. (2) Pre-corner adjustment optimized at ±0.05% by output current calibration.

Mod. G35i/a (300...5000kg) Mod. G35n (300...2000kg)



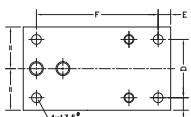
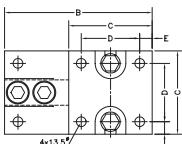
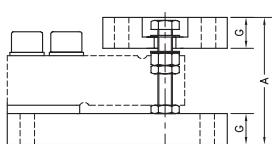
N. capacity kg	Transport weight	A	B	C	D	E	F	GØ	H	I	J	K	L	M	NØ
300-500-750-1000-1500-2000	0.9 kg	31.5	15	24.6	56	31.5	130	13.5	18	M12	76.2	25.4	15.8	6.5	3.5
3000-5000 kg	2.2 kg	48	---	37	76	41.5	171.5	20.5	18	---	95.2	38.1	19	---	---

CODE G35

Nominal capacity - In (kg)	Accuracy class n.OIML	y = emax / vmin	Code # (i)	Code # (a)	€	Code # (n)
300	C3	10000	230225	230247	107	230255
500	C3	10000	230227	230248	107	230256
750	C3	10000	230230	230249	107	230257
1000	C3	10000	230232	230250	107	230258
1500	C3	10000	230235	230251	107	230259
2000	C3	10000	230238	230252	107	230260
3000	C3	10000	230242	230253	230	-
5000	C3	10000	230245	230254	230	-

ACCESSORIES

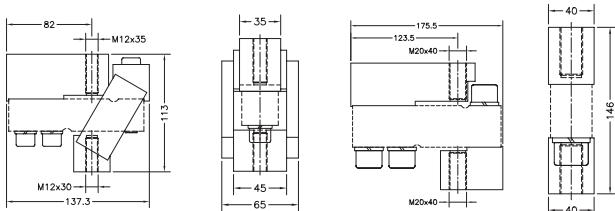
Reference	Description	Code #
350 ATEX	Option ATEX (version "i" only)	-



Reference	Code #	N. capacity	Transport weight	A	B	C	D	E	F	G	H
AC35902 / AC35902i	240012 / 240013	0.3 - 2 t	5 kg	94	168	100	70	16	136	20	15
AC35903 / AC35903i	240014 / 240015	3 - 5 t	10 kg	123	212	120	84	18	175	30	18



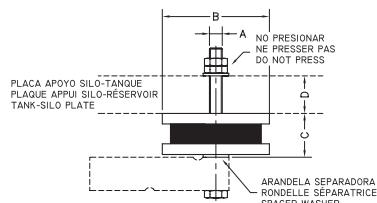
MOUNTING KIT LIFT-OFF PREVENTION



Accessory	N. capacity	Safe load limit	transport weight
AC35907	0.3 - 2 t	0.3 - 2 t	5 kg
AC35908	3 - 5 t	3 - 5 t	10 kg

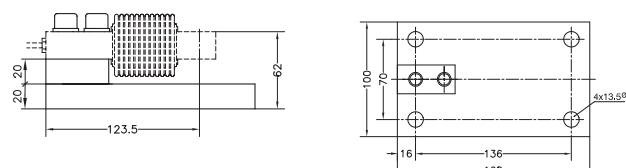
Tension accessories on zinc-plated steel, load cells G35

Load cells	Zinc-plated steel	Code #
G35 0.3 - 2 t	AC35907	240115
G35 3 - 5 t	AC35908	240155



Reference	Code #	N. capacity	Transport weight	A	BØ	C	D
AC35909 / AC35909i	240016 / 240017	0.3 - 2 t	2 kg	M12	100	41	0 - 35
AC35910 / AC35910i	240018 / 240019	3 - 5 t	3,2 kg	M20	150	44	10 - 35

Load cells	Zinc-plated steel	Code #	stainless steel	Code #
G35 0.3 - 2 t	AC35909	240016	AC35909i	240017
G35 3 - 5 t	AC35910	240018	AC35910i	240019



Reference	Code #	N. capacity	Transport weight	A	B	C	D	E	F	G	H	I	J	H
AC35911 / AC35911i	240020 / 240021	0.3 - 2 t	3.2 kg	20	20	71.5	168	136	16	70	100	101.6	117.6	15
AC35912 / AC35912i	240022 / 240023	3 - 5 t	6.5 kg	20	30	98	212	175	19	84	120	133.3	152.3	18

Load cells	Zinc-plated steel	Code #	stainless steel	Code #
G35 0.3 - 2 t	AC35911	240020	AC35911i	240021
G35 3 - 5 t	AC35912	240022	AC35912i	240023



SILENT-BLOCK

G35



BASE PLATE

G35

H8C

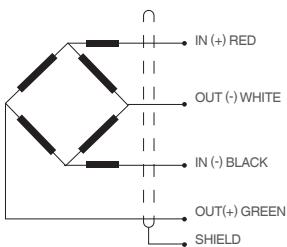
SHEAR BEAM

min	500 kg
max	5.000 kg



APPLICATIONS

4 load cells platforms.
Tanks and hopper weighing.

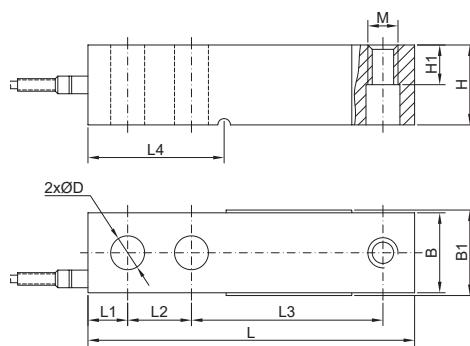


FEATURES

- Bending beam load cell.
- Shear beam load cell.
- Nickel-plated steel alloy.
- Divisions OIML R60 class C.
- Silicone sealing.
- Protection IP67.

SPECIFICATIONS

Nominal capacities (LN)	500-1000-1500-2000-3000-5000 kg
Accuracy class	C3
Output sensitivity	3.0 ± 0.003 mV/V
Maximum capacity	500-1000-1500-2000-3000-5000 kg
Max number of load cell intervals	3000
Ratio of maximum capacity to min load cell verification interval	10000 -7000
Minimum dead load	0
Safe overload	120 % Emax
Excitation recommended	10 V
Excitation maximum	15 V
Zero balance	≤ ± 1 % RO
Input resistance	350 ± 3.5 Ω
Output resistance	350 ± 3.5 Ω
Insulation impedance	≥ 5000 Ω
Temperature range compensated	-10 - ±0 +40 °C
Temperature range operating	-30 - +80 °C
Cable lenght	5 m



Dimensions (mm)

Nominal load kg	Transport weight	L	L1	L2	L3	L4	H	H1	B	B1	Ø D	M
500-1500	1 kg	130	15.8	25.4	76.2	54.2	31.8	15.8	31.8	34	13.5	M12
3000	2.5 kg	171.5	19.1	38.71	95.3	77.2	38.1	18.8	38.1	40	19.8	M18

CODE H8C

Reference	Nominal capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
H8C-500	500	C3	10000	230339
H8C-1000	1000	C3	10000	230340
H8C-1500	1500	C3	10000	230341
H8C-2000	2000	C3	10000	230342
H8C-3000	3000	C3	10000	230343
H8C-5000	5000	C3	10000	230344

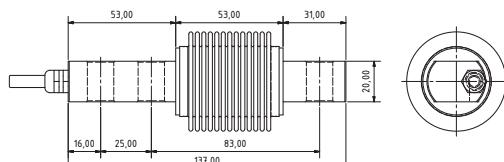
FEATURES

Shear beam load cell/shear beam.
4000 divisions OIML R60 class C.
Fully construction stainless steel.
Hermetically sealed, Laser welding.
Measurement element from alloy steel.
Protected against humidity IP69k (EN60529).



SPECIFICATIONS

Nominal capacities (LN)	50-75-100-150-200-300-500-750-1000-1500 kg
Accuracy class	4000n OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Maximum combined error	<±0.017 %Sn
Repeatability error	<±0.015 %Sn
Temperature effect on zero	<±0.01 %Sn/5°C
Temperature effect on sensitivity	<±0.006 %Sn/5°C
Creep error	<±0.016 %Sn
Temperature compensation	-10..40 °C
Temperature limits	-20..50 °C
Nominal sensitivity	2±0.1% mV/V (2)
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	386±10% Ω
Output impedance	350±10% Ω
No load output(SN)	< ±2 %Sn
Insulation resistance	> 5000
Maximum deflection	0.2-0.4
Cable lenght	5 m



Dimensions (mm)

CODE G1I

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G1i50	50	C4	10000	230640
G1i75	75	C4	10000	230641
G1i100	100	C4	10000	230642
G1i150	150	C4	10000	230643
G1i200	200	C4	10000	230644
G1i300	300	C4	10000	230689
☒ G1i500	500	C4	10000	230690
☒ G1i750	750	C4	10000	230691
☒ G1i1000	1000	C4	10000	230692
☒ G1i1500	1500	C4	10000	230693

Accessories (Available load feet Consult page 59)

ACCESSORIES G1I

Reference	Description	Code #
-	Tension accessories (15 - 300kg)	240471
-	Tension accessories (500 - 1000kg)	240472
-	Silent-block bearing (15 - 300kg)	240467
-	Silent-block bearing (500kg)	240468
-	Silent-block bearing (750 - 1000kg)	240469
-	Base plate, steel zinc-plated	240473
-	Base plate, stainless steel	240474
-	Mounting kit lift-off prevention zinc-plated	240475
-	Mounting kit lift-off prevention stainless steel	240476

GIROPES



G1i

SHEAR

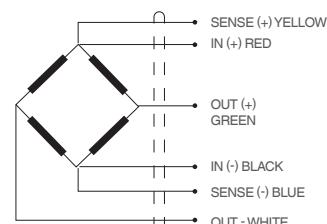
BEAM

min **50 kg**
max **1.500 kg**

69k
IP **M**

APPLICATIONS

Hybrid scales
Fully electronic scales
Silos – Hopper weighing – Tanks
4 load cells platforms
Industrial environment



ACCESSORIES



G1i

TENSION ACCESSORIES



SILENT-BLOCK BASE PLATE

G2i

SHEAR

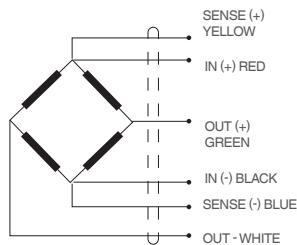
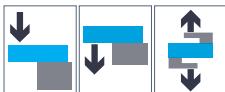
BEAM

min	10 kg
max	300 kg

M | 68
IP

APPLICATIONS

Hybrid scales
 Fully electronic scales
 Silos – Hopper weighing – Tanks
 4 load cells platforms
 Industrial environment



FEATURES

Shear beam load cell.
 Stainless steel building.
 4000 divisions OIML R60 class C.
 Hermetically sealed, Laser welding.
 Measurement element from alloy steel.
 Protected against humidity IP68 (EN60529).



SPECIFICATIONS

Nominal capacities (LN) 10-15-30-50-75-100-150-250-300 kg

Accuracy class 4000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Maximum combined error <±0.013 %Sn

Repeatability error <±0.01 %Sn

Temperature effect on zero <±0.01 %Sn/5°C

Temperature effect on sensitivity <±0.006 %Sn/5°C

Creep error <±0.012 %Sn

Temperature compensation -10.40 °C

Temperature limits -20.50 °C

Nominal sensitivity 2±0.1% mV/V (2)

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance 386±10% Ω

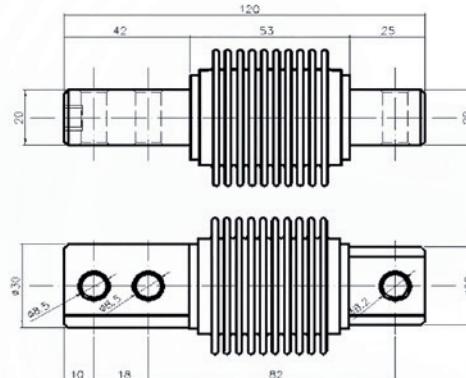
Output impedance 350±10% Ω

No load output(SN) <±2 %Sn

Insulation resistance > 5000 MΩ

Maximum deflection 0.2-0.4 mm

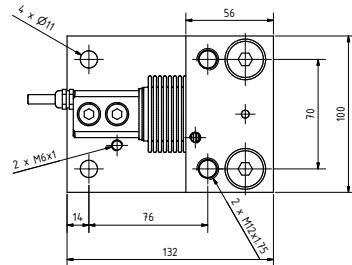
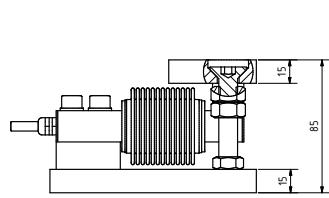
Cable lenght 5 m



Dimensions (mm)

CODE G2i

Reference	N. capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
☒ G2i 10	10	C4	10000	230596
☒ G2i 15	15	C4	10000	230595
☒ G2i 30	30	C4	10000	230588
G2i 50	50	C4	10000	230589
G2i 75	75	C4	10000	230590
G2i 100	100	C4	10000	230591
G2i 150	150	C4	10000	230592
☒ G2i 250	250	C4	10000	230593
☒ G2i 300	300	C4	10000	230594

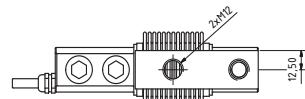
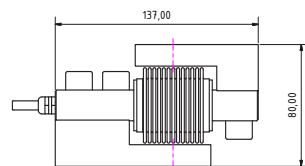
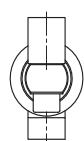


Dimensions (mm)

Reference	Description	Code #
-	Mounting kit lift-off prevention zinc-plated	240479
-	Mounting kit lift-off prevention stainless steel	240480

MOUNTING KIT LIFT-OFF PREVENTION

G2I



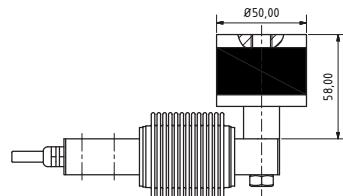
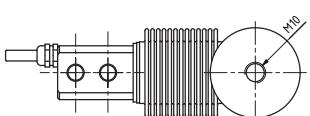
Dimensions (mm)



Reference	Description	N. capacity (kg)	Code #
AC-G2i	Tensions accessories G34 load cell.	15-300	240154
-	Rod ends for tension M12		240444

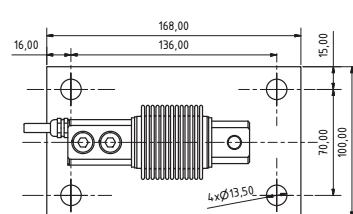
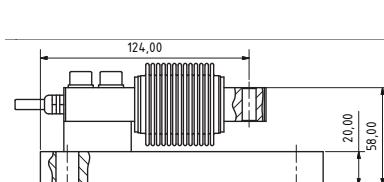
TENSION ACCESSORIES

G2I



Dimensions (mm)

Reference	Description	Code #
AC30904	Silent Block	240470



Dimensions (mm)

Reference	Description	Code #
AC34903	Base plate, steel zinc-plated	240477
AC34903i	Base plate, stainless steel	240478

BASE PLATE

G2I

G34

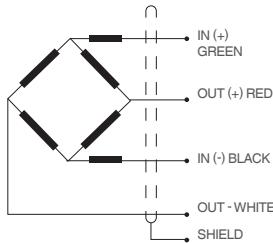
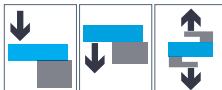
SHEAR BEAM

min 15 kg
max 1.500 kg



APPLICATIONS

4 load cells platforms
Tanks
Hopper weighing



FEATURES

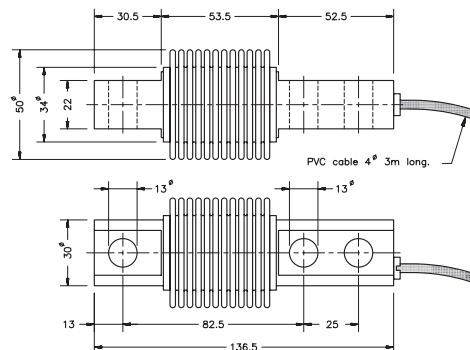
- Bending beam load cell.
- Shear beam load cell.
- Fully stainless steel.
- 3000 divisions OIML R60 class C.
- Hermetically sealed, fully welded.
- Protection IP68 (EN 60529).
- Available in ATEX version  (optional).
- Zone 0-1-2 (gas) and 20-21-22 (dust).



SPECIFICATIONS

Nominal capacities (LN)	15-30-50-75-100-150-200-250-300-500-750-1000-1500 kg
Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Total error	<±0.017 %Sn (1) (3)
Repeatability error	<±0.015 %Sn
Temperature effect on zero	<±0.01 %Sn/5°C
Temperature effect on sensitivity	<±0.006 %Sn/5°C
Creep error (30 minutes)	<±0.016 %Sn
Temperature compensation	-10 - +40 °C
Temperature limits	-30 - +70 °C
Nominal sensitivity (Sn)	2±0.1% mV/V (2)
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	400±20
Output resistance	350±3
No load output	< ±2
Insulation resistance	> 5000
Maximum deflection	0.2-0.4
Cable length	3 m

(1) Combined error. Non-linearity and Hysteresis. (2) Ln ≤20 kg, 2 ± 0.2%



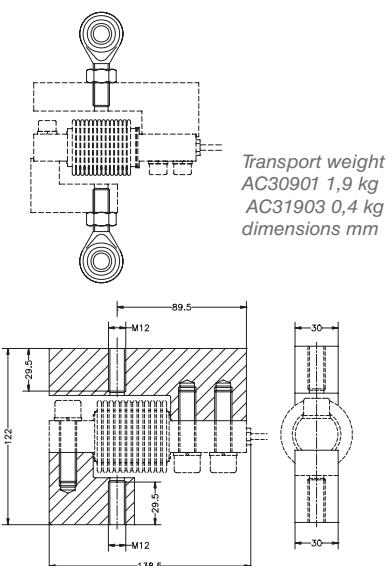
CODE G34

Dimensions (mm) | Transport weight 500g

Reference	Nominal capacity - ln (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G34 -15	15	C3	10000	230705
G34 -30	30	C3	10000	230304
G34 -50	50	C3	10000	230305
G34 -75	75	C3	10000	230306
G34 -100	100	C3	10000	230307
G34 -150	150	C3	10000	230308
G34 -200	200	C3	10000	230309
G34 -250	250	C3	10000	230311
G34 -300	300	C3	10000	230312
 G34 -500	500	C3	10000	230313
 G34 -750	750	C3	10000	230314
 G34 -1000	1000	C3	10000	230315
 G34 -1500	1500	C3	10000	230316

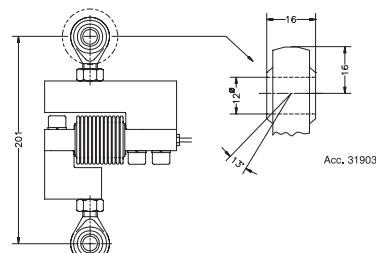
ACCESSORIES

Reference	Description	Code #
340ATEX	ATEX option	-



Acc. 34905

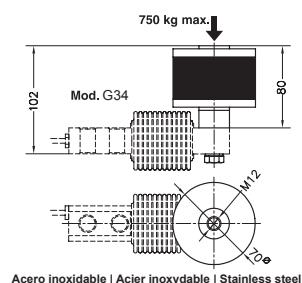
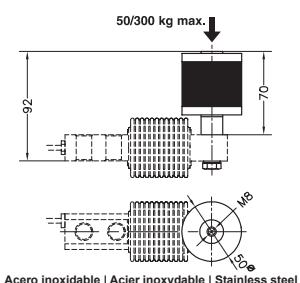
To get the maximum accuracy we recommend the use of the road ends



Reference	Description	Code #	€
AC34905	Tension accessories G34 load cell.	240009	64
AC31903	Rod ends for tension accessories G34 load cell.	240001	68

TENSION ACCESSORIES

G34

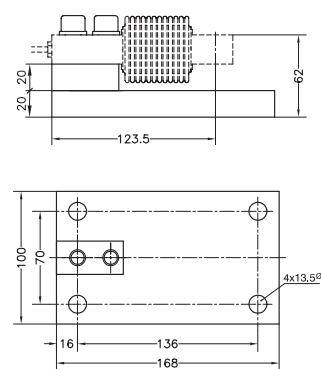


Dimensions mm | Transport weight 0.5 kg

Reference	Description	Code #
AC30904	Silent-block bearing up to 50 kg (blue)	240004
AC30905	Silent-block bearing up to 300 kg	240005
AC34906	Silent-block bearing up to 750 kg	240010

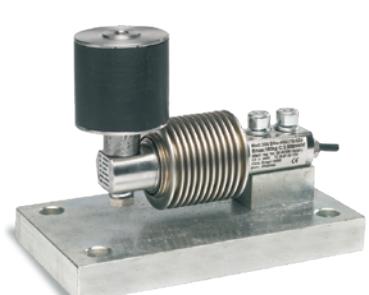
SILENT-BLOCK

G34



Dimensions mm | transport weight 3 kg

Reference	Description	Code #
AC34903	Base plate, steel zinc-plated	240007
AC34903i	Base plate, stainless steel	240008



BASE PLATE

G34

GTH

SHEAR

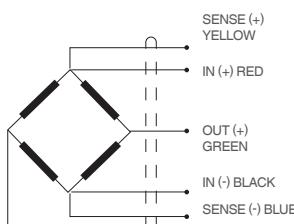
BEAM

min 5.000 kg
max 50.000 kg

M | 68
IP

APPLICATIONS

Tanks.
Silos and Low profile.



ACCESSORIES

GTH



MOUNTING KIT LIFT-OFF
PREVENTION FOR SILO

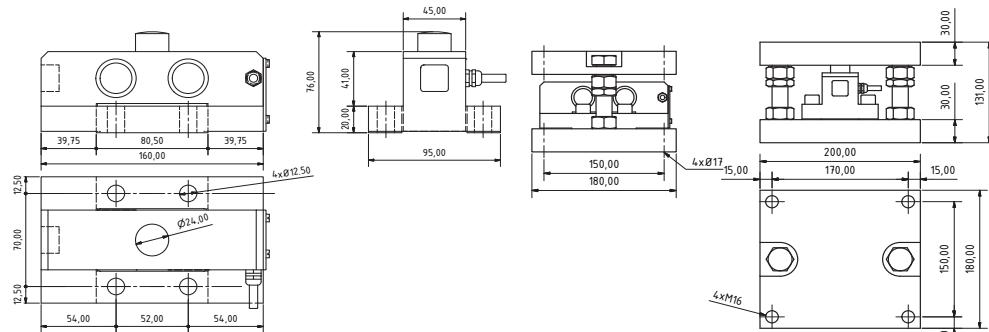
FEATURES

- Compression load cell.
- Double shear beam load cell.
- 3000 divisions OIML R60 class C.
- Fully Stainless steel construction.
- Hermetically sealed laser welded.
- Measurement element from alloy steel.
- Protected against atmospheric discharges with surge arresters.
- Protected against corrosion by nickel plated treatment.
- Protected against humidity IP68 (EN60529).



SPECIFICATIONS

Nominal capacities (LN)	5000-10000-15000-20000-25000-30000-35000-50000 kg
Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Maximum combined error	<±0.017 %Sn
Repeatability error	<±0.015 %Sn
Temperature effect on zero	<±0.01 %Sn/5°C
Temperature effect on sensitivity	<±0.006 %Sn/5°C
Creep error	<±0.016 %Sn
Temperature compensation	-10.40 °C
Temperature limits	-20.50 °C
Nominal sensitivity	2±0.1% mV/V (2)
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	766±10% Ω
Output impedance	700±10% Ω
No load output(SN)	< ±2 %Sn
Insulation resistance	> 5000 MΩ
Maximum deflection	0.2-0.4 mm
Cable lenght	5 m



Load cell dimensions (mm)

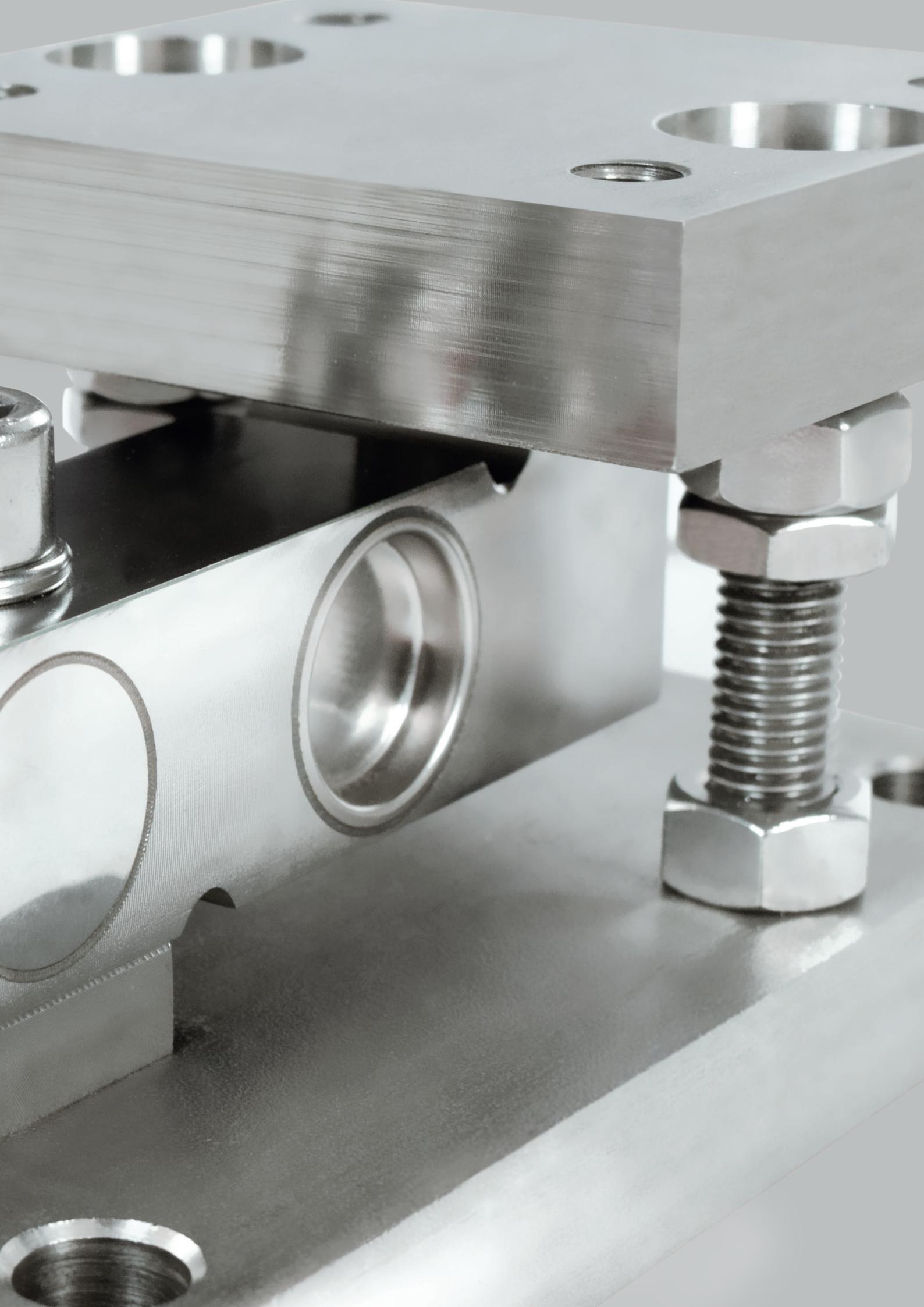
Accessory dimensions GTH (mm)

CODE GTH

Reference	Nominal capacity - In (t)	Accuracy class n. OIML	Y= emax / vmin	Code #
<input checked="" type="checkbox"/> GTH 5	5	C3	8000	230632
<input checked="" type="checkbox"/> GTH 10	10	C3	8000	230633
<input checked="" type="checkbox"/> GTH 15	15	C3	8000	230634
GTH 20	20	C3	8000	230635
GTH 25	25	C3	8000	230636
GTH 30	30	C3	8000	230637
<input checked="" type="checkbox"/> GTH 35	35	C3	8000	230719
<input checked="" type="checkbox"/> GTH 50	50	C3	8000	230638

ACCESSORIES GTH

Reference	Material	Code #
AC-GTH Z	Zinc-plated	240156
AC-GTH I	Stainless steel	240159



460

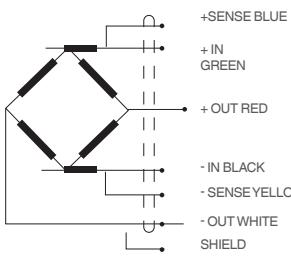
DOUBLE SHEAR BEAM

min 5.000 kg
max 100.000 kg



APPLICATIONS

tanks and silos weighing systems with highly linear and low profile requirements.



SENSES 2 additional wires to maintain a constant voltage supply at the load cell when used with proper instrumentation. Use specially when long wires and wide temperature range. SHIELD: Not connected to transducer body.

FEATURES

- Double shear beam load cell.
- 3000 divisions OIML R60 class C.
- Measurement element from alloy steel.
- Hermetically sealed, fully welded.
- Protection IP68 (EN60529).
- Easy assembly.
- Available in ATEX version Ex (optional).
- Zona 0-1-2 (gas) and 20-21-22 (dust).



SPECIFICATIONS

Nominal capacities (LN) 5-10-20-30-50-75-100 t

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Total error $<\pm 0.017\% \text{Sn}$ (1) (3)

Repeatability error $<\pm 0.015\% \text{Sn}$

Temperature effect on zero $<\pm 0.01\% \text{Sn}/5^\circ\text{C}$

Temperature effect on sensitivity $<\pm 0.006\% \text{Sn}/5^\circ\text{C}$

Creep error $<\pm 0.016\% \text{Sn}$

Temperature compensation $-10 \pm 40^\circ\text{C}$

Temperature limits $-20 \pm 50^\circ\text{C}$

Nominal sensitivity $2 \pm 0.1\% \text{mV/V}$ (2)

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance $800 \pm 30 \Omega$

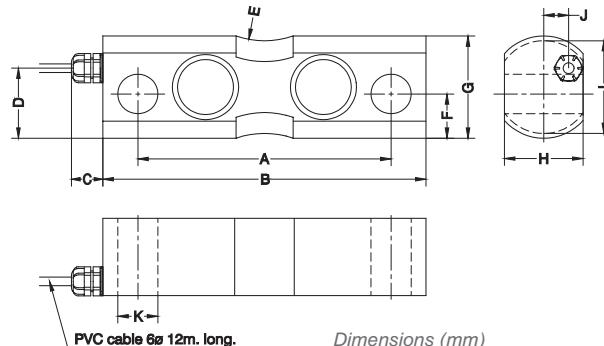
Output impedance $700 \pm 3 \Omega$

No load output(SN) $< \pm 2\% \text{Sn}$

Insulation resistance $> 5000 \text{ M}\Omega$

Maximum deflection 0.6-1 mm

Cable length 12 m



Dimensions (mm)

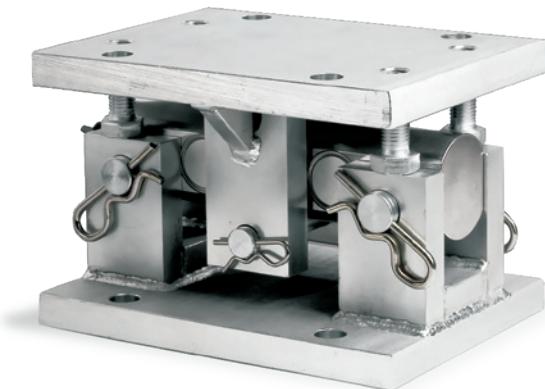
N. capacity kg	Transport weight	A	B	C	D	E	F	GØ	H	IØ	J	KØ
5 - 20 t	3.2 kg	145	185	16	41	r.50	25.7	59.5	45	54	14	23
30 - 50 t	8 kg	220	285	16	48	r.50	29.7	74.5	60	65	22	30
75 - 100 t	14.3 kg	260	340	16	66	r.50	37.2	99.5	80	90	32	50

CODE 460

N. capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
5	C3	10000	230269
10	C3	10000	230270
20	C3	10000	230271
30	C3	10000	230272
50	C3	10000	230273
75	C3	10000	230663
100	C3	10000	230664

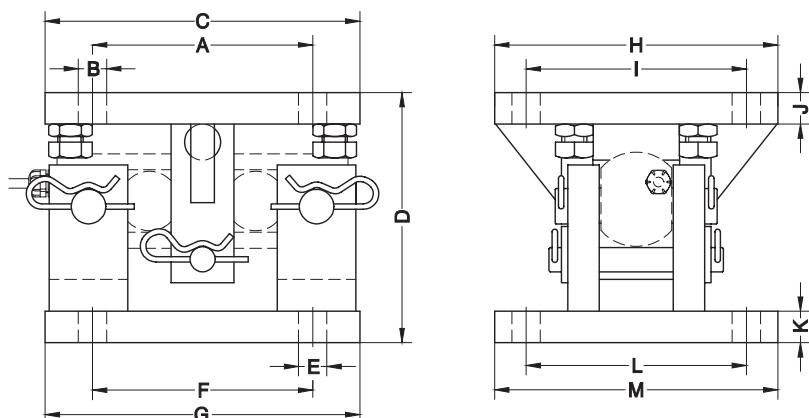
ACCESSORIES

Reference	Description	Code #
460ATEX	Option ATEX (version "i" only)	-



MOUNTING KIT LIFT-OFF PREVENTION

460



Dimensions (mm)

Accessories	Nominal load (t)	Transport weight	A	BØ	C	D	EØ	F	G	H	I	J	K	L	M
46901 / 46901i	5 - 20	17 kg	140	18	200	160	18	140	200	180	140	20	20	140	180
46902 / 46902i	30 - 50	39 kg	175	22	300	200	22	175	300	220	175	25	25	175	220
46903 / 46903i	75 - 100	82 kg	220	26	370	270	26	220	370	300	220	30	30	220	300

SPECIFICATIONS

REF. ACCESSORIES			
46901 / 46901i	46902 / 46902i	46903 / 46903i	
Max. transverse displacement of load cell	± 5 mm	± 5 mm	± 10 mm
Maximum permissible lifting force	90 KN	210 KN	340 KN
Maximum permissible lateral force	4550 kg	8600 kg	12000 kg

Description	ZINC-PLATED STEEL		STAINLESS STEEL	
	Reference	Code #	Reference	Code #
Mounting kit lift-off prevention for silo, load cells 5 - 20 t.	AC46901	240030	AC46901i	240149
Mounting kit lift-off prevention for silo, load cells 30 - 50 t.	AC46902	240031	AC46902i	240150
Mounting kit lift-off prevention for silo, load cells 75 - 100 t.	AC46903	240032	AC46903i	240151

GTD

COMPRESSION

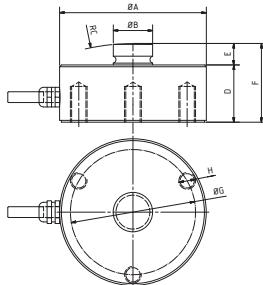
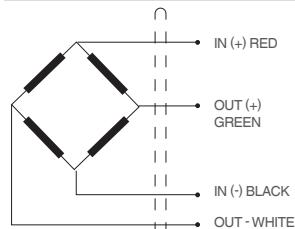
min 2.500 kg
max 30.000 kg

M 68
IP



APPLICATIONS

Silos
Tanks, others.



C.N. (f)	A	B	C	D	E	F	G	H
2.5.12.5	82	22	130	32	12	44	70	M8
20.30	126	35	200	40	14	54		

Dimensiones (mm)

ACCESSORIES

GTD



MOUNTING KIT LIFT-OFF
PREVENTION FOR SILO

FEATURES

- Compression load cell.
- 1000 divisions OIML R60 class C.
- Fully Stainless steel construction.
- Hermetically sealed, fully welded.
- Measurement element from alloy steel.
- Protected against humidity IP68 (EN 60529).



SPECIFICATIONS

Nominal capacities (LN) 2500-3000-5000-7500-10000-12500-20000-25000-30000 kg

Accuracy class 1000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Total error <±0.017 %Sn (1)

Repeatability error <±0.015 %Sn

Temperature effect on zero <±0.01 %Sn/5°C

Temperature effect on sensitivity <±0.006 %Sn/5°C

Creep error (30 minutes) <±0.016 %Sn

Temperature compensation -10... 40 °C

Temperature limits -20... 50 °C

Nominal sensitivity (Sn) 2 ± 0,02 mV/V

Voltage range 5V a 18V DC

Maximum input voltage 18V DC

Input impedance 765 ±15 Ω

Output resistance 700 ±14 Ω

No load output <±2

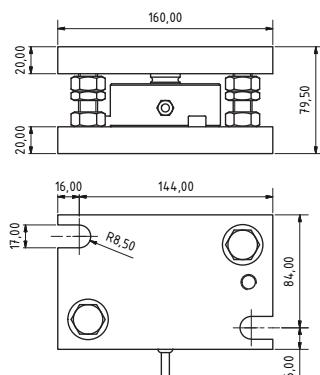
Insulation resistance > 4000

Maximum deflection 0.2-0.4

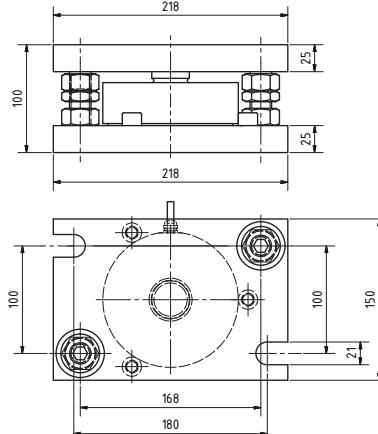
Cable length 8 m

CODE GTD

N. capacity - In (kg)	Accuracy class n. OIML	$y = e_{\max} / v_{\min}$	Code #
2500	1000	10000	230706
3000	1000	10000	230707
5000	1000	10000	230708
7500	1000	10000	230709
10000	1000	10000	230710
12500	1000	10000	230711
☒ 20000	1000	10000	230712
☒ 25000	1000	10000	230713
☒ 30000	1000	10000	230714



LIFT-OFF ACCESSORIES
from 2500 kg to 12.500 kg



LIFT-OFF ACCESSORIES
from 15.000 kg to 30.000 kg

Reference	Material	Nominal load (t)	Code #
ACGTDz1	Zinc-plated	2,5-12,5	240160
ACGTDz2	Zinc-plated	20 - 30	240162
ACGTDi1	Stainless steel	2,5-12,5	240161
ACGTDi2	Stainless steel	20 - 30	240163

GTC

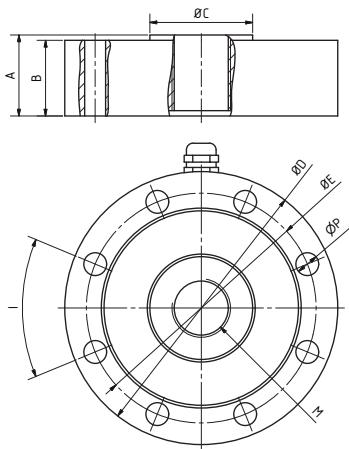
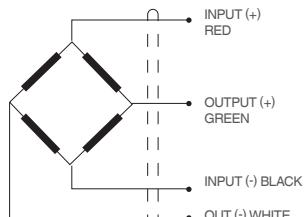
COMPRESSION

min **500 kg**
 max **30.000 kg**



APPLICATIONS

Test benches and verification
presses



Dimensions (mm)

C.N. (t)	A	B	D	E	I	M	P
0,5-7,5 t	30	28	101	85	45°C	M20 x 1,5	8 holes 8,5
10-30 t	40	39	150	125	30°C	M30 x 1,5	12 holes 10,5

CODE GTC

Reference	N. capacity - ln (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
GTC0,5	500	C1 / C2	7500	230906
GTC1	1000	C1 / C2	7500	230907
GTC2	2000	C1 / C2	7500	230908
GTC2,5	2500	C1 / C2	7500	230909
GTC5	5000	C1 / C2	7500	230910
GTC7,5	7500	C1 / C2	7500	230911
GTC10	10000	C1 / C2	7500	230912
GTC20	20000	C1 / C2	7500	230913
GTC30	30000	C1 / C2	7500	230914

GTI

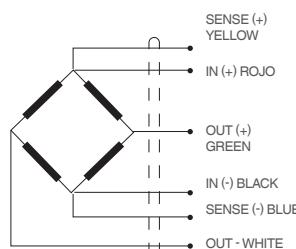
COMPRESSION

min 5.000 kg
 max 100.000 kg



APPLICATIONS

Weighing system for tanks, silos and vehicles. Low profile



MAIN FEATURES

Compression load cell.
 Double shear beam load cell.
 3000 divisiones OIML R60 clase C.
 Measurement element from stainless steel.
 Hermetically sealed, Laser welding.
 Protection IP68 (EN60529).

SPECIFICATIONS

Nominal capacities (Ln) 5-10-20-30-50-75-100 t

Accuracy class 3000 n. OIML

Minium dead load 0 %Ln

Service load 150 %Ln

Safe load limit 200 %Ln

Input impedance 766 Ω±5%

Output impedance 700 Ω±5%

Voltage range 5...12 Vdc

Nominal sensitivity (Sn) 2 mV/V

Sensitivity tolerance (-10...40 °C) ±0.1%

Temperature effect on sensitivity (-10...40 °C) <±0.001% / °C

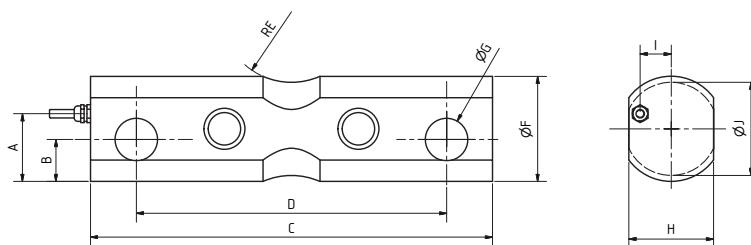
Temperature effect on cero (-10...40 °C) <±0.002% / °C

Maximum combined error <±0.02%

Creep en 30' a 20 °C <±0.02%

Maximum deflection 18 m

Cable length 6 hilos (sense)

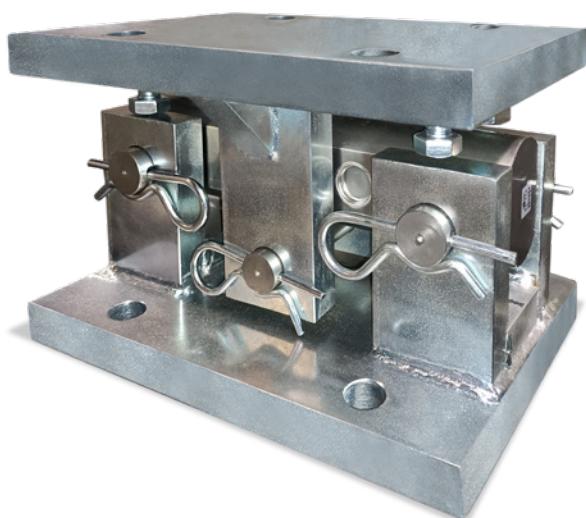


C.N. (t)	A	B	C	D	E	F	G	H	I	J
5-20	41	25,7	185	145	R50	59,5	23	45	14	55
30-50	48	29,7	285	220	R50	74,5	30	60	22	66
75-100	66	37,2	340	260	R50	99,5	50	80	32	91

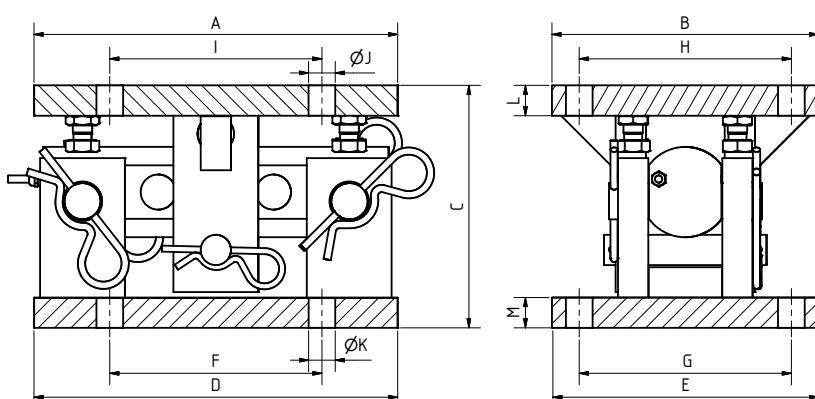
Dimensions (mm)

CODE GTI

Nominal load - ln (kg)	Accuracy class n. OIML	$y = e_{\max} / v_{\min}$	Code #
5000	3000	10000	231169
10000	3000	10000	231170
20000	3000	10000	231171
30000	3000	10000	231172
50000	3000	10000	231173
75000	3000	10000	231174
100000	3000	10000	231175

MOUNTING KIT LIFT-OFF
PREVENTION FOR SILO

GTI



Capacity (t)	A-D	B-E	C	F-G-H-I	J-K	L-M
5-20	200	180	160	140	18	20
30-50	300	220	200	175	22	25
75-100	370	300	270	220	26	30

Dimensions (mm)

Description	ZINC-PLATED STEEL			STAINLESS STEEL		
	Reference	Code #	€	Reference	Code #	
Per capacités 5 - 20 t.	ACGTI-1	240557	364	-	-	
Per capacités 30 - 50 t.	ACGTI-2	240558	587	-	-	
Per capacités 75 - 100 t.	ACGTI-3	240559	1.073	-	-	

G6R

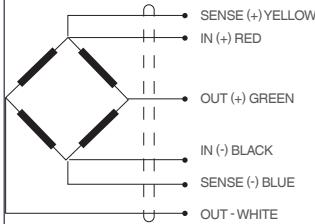
COMPRESSION

min 75.000kg
max 150.000kg



APPLICATIONS

Silos, Tanks, others.
Low profile.



ACCESSORIES

G6R



MOUNTING KIT LIFT-OFF
PREVENTION FOR SILO

FEATURES

- Compression load cell.
- 3000 divisions OIML R60 Class C.
- Stainless steel construction.
- Hermetically sealed by laser welding.
- Protected against humidity IP68 (EN 60529).

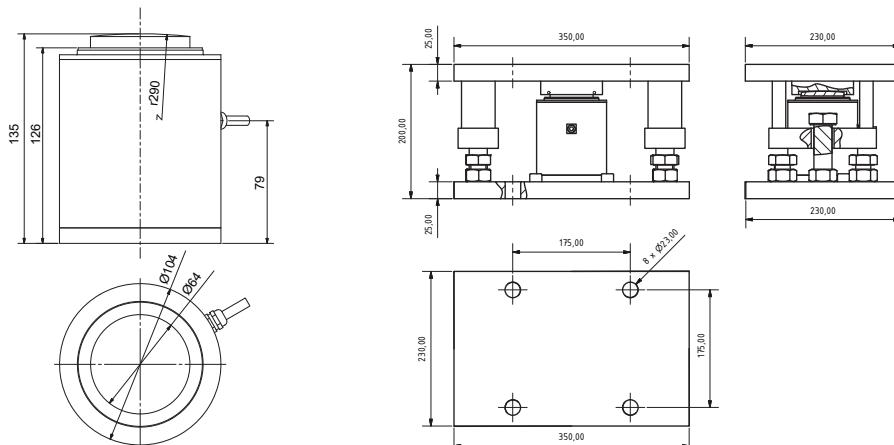


SPECIFICATIONS

Nominal capacities (LN)	125.000-150.000 kg
Accuracy class	3000
Input impedance	800Ω±2%
Output impedance	700±3%Ω
Input voltage range	5..12 V
Nominal sensitivity	2mV/V
Operating temperature range	-10 a +50°C
Service load	150% (N.L.)
Safe load limit	> 200 % (N.L.)
Sensitivity tolerance	+/- 0.1% (N.L.)
Temperature effect on sensitivity (-10...+40°C)	<+/-0.001%/°C
Temperature effect on cero (-10...+50°C)	<+/-0.002%/°C
Maximum combined error	<+/- 0.02 (N.L.)
Creep in 30' at 20°C	+/- 0.02%
Cable length	18 m
Electrical connection	a 6 wires (sense)

CODE G6R

Nominal capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
75000	3000	10000	230936
80000	3000	10000	230937
85000	3000	10000	230938
90000	3000	10000	230939
100000	3000	10000	230940
125000	3000	10000	230941
150000	1000	10000	230942



Dimensions (mm)

Reference	Description	Code #
	Mounting kit for silos. G6R Lift off protection	240462

FEATURES

Compression load cell, selfcentring column.
3000 divisions OIML R60 class C.
Stainless steel construction.
Laser welded, Protection IP68 (EN60529).
Optimized for parallel connection by corner pre-adjustment.
Meets EMC /ESD requirements according to EN 45 501.
Available in ATEX version 95 (Ex) (optional).
Lightning protection (not possible with ATEX versions).
Easy to install.
Rings set included.

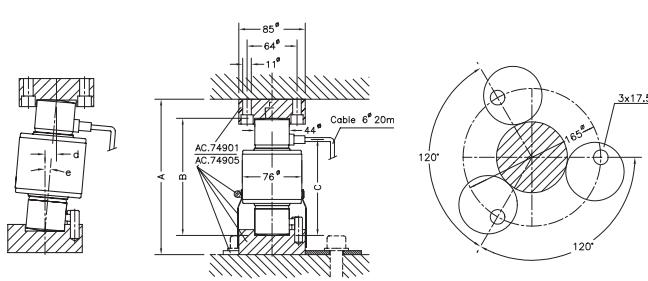
SPECIFICATIONS

Nominal capacities (LN) 15-20-30-40 t

	Accuracy class 3000 n. OIML	Min dead load 0.01 %LN			
Min scale verification load (emin) [max number of load cells]	15t 5 [10]	20t 5 10 [6][10]	30t 10 [10]	40t 10 20 [6][10]	kg EN45501
Sensitivity (Sn)			2 mV/V		
Sensitivity tolerance			±0.5 % (1)		
Temperature effect on zero			±0.0140 %Sn /		
Temperature effect on sensitivity (2)			±0.0080 10°C		
Hysteresis error (2)			±0.0170 %Sn		
No linearity (2)			±0.0180 %Sn		
Creep error (30 minutes)			±0.0167 %Sn		
Input impedance (black-blue)			700±20 Ω		
Output impedance(red-white)			706±3.5 Ω (2)		
Reference excitation voltage			5 V		
Nominal range of excitation voltage			5 - 12 V		
Insulation resistance			>5 GΩ		
Nominal range of ambient temperature			-10 - +40 °C		
Service temperature range			-30 - +70 °C		
Storage temperature range			-50 - +85 °C		
Safe load limit			150 %LN		
Breaking load			> 350 %LN		
Permissible dynamic load (DIN10100)			70 %LN		
Maximum capacity	15	20	30	40	t
Deflection at Ln	0.55	0.65	0.75	0.85	mm
Protection class(100 h at 1m water column)	IP68				
(water at high pressure, steam jet cleaning)	IP69 K				
Cable length	12 m				

(1) Throughout corner pre-adjustment the sensitivity and output resistance are coordinated, so that the indicated value of the scale is within permissible limits when off-center load is applied.

(2) The data for non-linearity, hysteresis error and temperature effect on sensitivity are typical values. The sum of these data meets the requirements for pLC=0.7 according to OIML R60 respectively NTEP.



Transport weight 3 kg | dimensions (mm)

Top view

Reference	A	B	C	R esf	amax(2)	S max (3)	FR (4)	S = 1
C16A 15t (1)	180	130	112	110	5°	11	6.0 %	0.55 %
C16A 20t (1)	200	150	123	130	5°	13	6.4 %	0.49 %
C16A 30t (1)	200	150	123	160	5°	13	9.9 %	0.76 %
C16A 40t (1)	200	150	123	180	5°	13	12.2 %	0.94 %

(1) Maximum load: 40t (2) Max. permissible skewing (3) Max. permissible lateral displacement of load introduction (4) Restoring force (% of applied load)

Reference	N. capacity - ln (t)	Accuracy class n. OIML	y = emax / vmin	Code #
C16A 15t	15	C3	10000	230021
C16A 20t	20	C3	10000	230022
C16A 30t	30	C3	10000	230024
C16A 40t	40	C3	10000	230026



GIROPES



M

C16

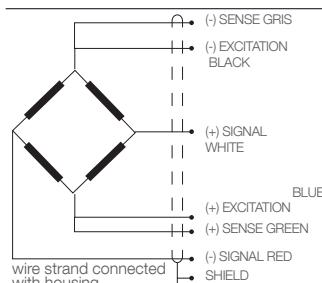
COMPRESSION

min 15.000 kg
max 40.000 kg



APPLICATIONS

High capacity weighing systems



Load cells are delivered with the following elements:
Upper and lower tray,
Anti-roll pivot, rubber tube, clamping flanges
and 3 eccentrics

G8R

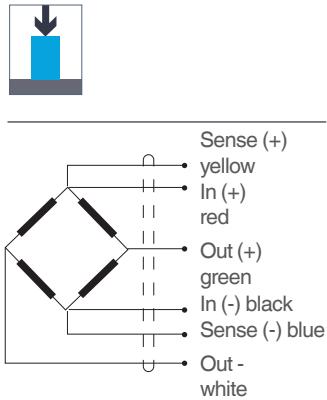
COMPRESSION

min 18.000 kg
 max 50.000 kg

M 69k
 IP

APPLICATIONS

High capacity Weighbridge



FEATURES

- Compression load cell.
- Load cell de commuting compression.
- Stainless steel building.
- 4000 divisions OIML R60 class C.
- Hermetically sealed laser welded.
- Protected against atmospheric discharges with surge arresters.
- Protected against humidity IP69k (EN60529).



SPECIFICATIONS

Nominal capacities (LN) 18-20-25-30-35-40-50 t

Accuracy class C4 n. OIML

Minimum dead load 0 kg

Service load 120 %LN

Safe load limit 150 %LN

Total error <±0.017 %Sn

Repeatability error <±0.015 %Sn

Creep error (30 minutes) <±0.016 %Sn

Temperature limits -30 - +70 °C

Nominal sensitivity (Sn) 2 mV/V ±1%

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance 800±5 Ω

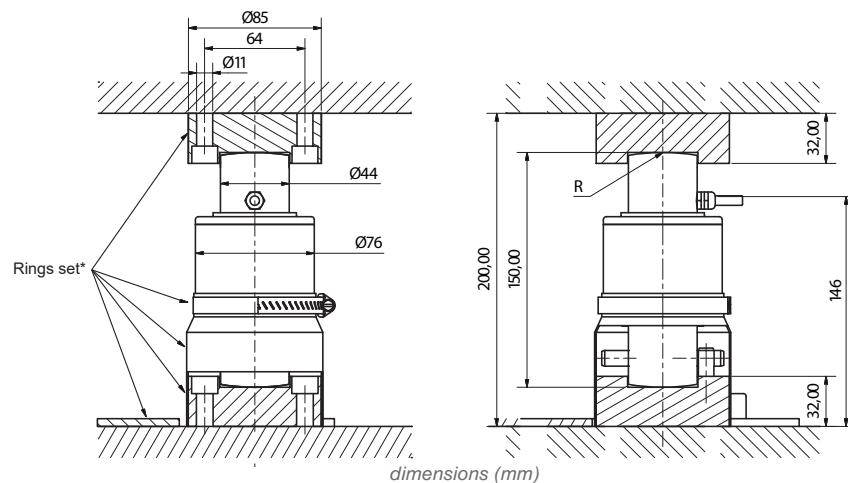
Output resistance 700±5 Ω

No load output ±2 %Sn

Insulation resistance > 5000 MΩ

Maximum deflection (at Ln) 0.6 - 1 mm

Cable length 18 m



CODE G8R

Reference	Nominal capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
G8R 18	18	C4	15000	230566
G8R 20	20	C4	15000	230567
G8R 25	25	C4	15000	230568
G8R 30	30	C4	15000	230569
G8R 35	35	C4	15000	230570
G8R 40	40	C4	15000	230571
G8R 50	50	C4	15000	230662

CODE G8R WITH ARMOURED CABLE

Reference	Description	Code #
G8R 18 CA	Load cell Giropes G8R 18 t - armoured cable	230652
G8R 20 CA	Load cell Giropes G8R 20 t - armoured cable	230653
G8R 25 CA	Load cell Giropes G8R 25 t - armoured cable	230654
G8R 30 CA	Load cell Giropes G8R 30 t - armoured cable	230655
G8R 35 CA	Load cell Giropes G8R 35 t - armoured cable	230656
G8R 40 CA	Load cell Giropes G8R 40 t - armoured cable	230657
G8R 50 CA	Load cell Giropes G8R 50 t - armoured cable	230767

GIROPES)

ACCESSORIES

G8R



ACCESSORIES

Reference	Description	Code #
AC-G8R	Alloy steel rings set in zinc-plated steel	240036
AC71901i	Stainless steel rings set	240184

For more information see page 44

*Included: set of rings, rubber bands and metal flanges.

RINGS SET

G8R

Reference	Description	Code #
AC74902	Superior plate to unite the rings set at a structure (for one load cell).	240037

SUPERIOR PLATE

G8R

Reference	Description	Code #
AC74903	Bottom plate to unite the rings set at a structure (for one load cell).	240038

BUTTON PLATE

G8R

Reference	Description	Code #
AC74907	Mounting kit lift-off prevention for silo for the load cells G8R (for one load cell) up to 50t	240040

For more information see page 54

MOUNTING LIFT-OFF
PREVENTION FOR SILO

G8R

G8R-CP

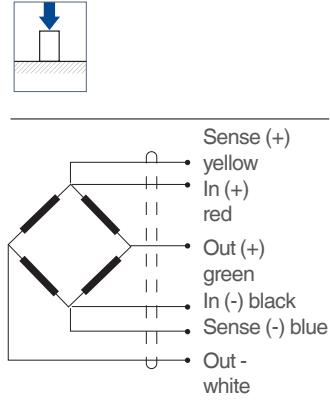
COMPRESSION

min 18.000 kg
 max 50.000 kg

M 68
 IP

APPLICATIONS

High capacity weighbridges.



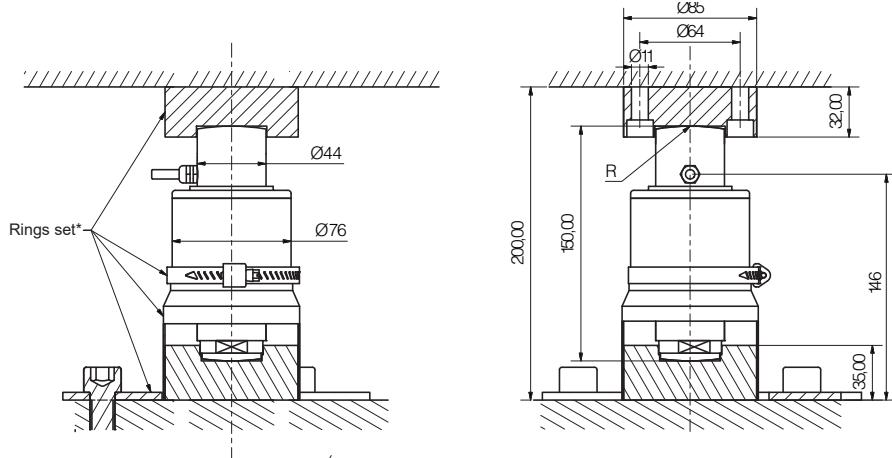
FEATURES

- Compression load cell.
- Self-centering load cell.
- Fully stainless steel construction.
- 4000 divisions OIML R60 Class C.
- Hermetically sealed by laser welding.
- Protected against atmospheric discharges with surge arresters.
- Protected against humidity IP69k (EN60529).



SPECIFICATIONS

Nominal capacities (LN)	18-20-25-30-35-40-50 t
Accuracy class	C4 n. OIML
Minimum dead load	0 kg
Service load	120 %LN
Safe load limit	150 %LN
Total error	<±0.017 %Sn
Repeatability error	<±0.015 %Sn
Creep error (30 minutes)	<±0.016 %Sn
Temperature limits	-30... +70 °C
Nominal sensitivity (Sn)	2 mV/V ± 1%
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	800Ω ± 2%
Output impedance	700 ± 3Ω
No load output	±2 %Sn
Insulation resistance	> 5000 MΩ
Maximum deflection (at Ln)	0.6 - 1 mm
Cable length	18 m



Dimensions (mm)

CODE G8R-CP

Reference	N. capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
G8R-18 ACP	18	C4	15000	230928
G8R 20 ACP	20	C4	15000	230929
G8R 25 ACP	25	C4	15000	230930
G8R 30 ACP	30	C4	15000	230931
G8R 35 ACP	35	C4	15000	230932
G8R 40 ACP	40	C4	15000	230933
G8R 50 ACP	50	C4	15000	230934

CODE G8R-CP WITH ARMOURED CABLE

Reference	Description	Code #
G8R 18 CA	Load cell Giropes G8R 18 t - armoured cable	231002
G8R 20 CA	Load cell Giropes G8R 20 t - armoured cable	231003
G8R 25 CA	Load cell Giropes G8R 25 t - armoured cable	231004
G8R 30 CA	Load cell Giropes G8R 30 t - armoured cable	231005
G8R 35 CA	Load cell Giropes G8R 35 t - armoured cable	231006
G8R 40 CA	Load cell Giropes G8R 40 t - armoured cable	231007
G8R 50 CA	Load cell Giropes G8R 50 t - armoured cable	231008

GIROPES)

ACCESSORIES

G8R

ACCESSORIES

Reference	Description	Code #
ACG8R ACP	Stainless steel rings set	240461

More information on the page 46

*Included: set of rings, rubber bands and metal flanges.

RINGS SET

G8R

Reference	Description	Code #
-	Superior plate to ancor the rings accessory to an structure (for one load cell)	-

SUPERIOR PLATE

G8R

Reference	Description	Code #
-	Bottom plate to ancor the rings accessory to an structure (for one load cell)	-

BUTTOM PLATE

G8R

Reference	Description	Code #
AC74907	Mounting kit lift-off prevention for silo for the load cells G8R CP up to 50t (for one load cell)	240040

MOUNTING LIFT-OFF
PREVENTION FOR SILO

G8R

G8RD

COMPRESSION

min 18.000 kg
max 50.000 kg

M 69k
IP

APPLICATIONS

High capacity load cell for weighbridges.



ROJO / ROUGE / RED	+ V _B
NEGRO / NOIR / BLACK	GND
AMARILLO / JAUNE / YELLOW	Tx +
BLANCO / BLANC / WHITE	Tx -
VERDE / VERT / GREEN	Rx +
AZUL / BLEU / BLUE	Rx -

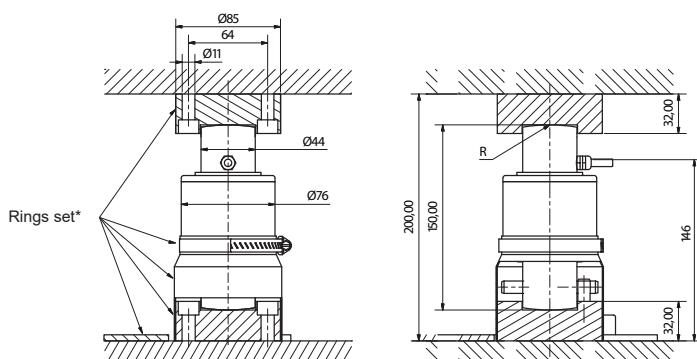
FEATURES

- Self-centring pivoting column compression load cell.
- 4000 divisions OIML R60 class C.
- Stainless steel building.
- Protected against humidity IP69k.
- Protected against atmospheric discharges with surge arresters.
- Interface digital RS485 fullduplex.
- Setting and updating of software via serial interface.
- Advantages in setting-up, corner adjustment and individual diagnostics.



SPECIFICATIONS

Nominal capacities (LN)	18-20-30-40-50 t
Accuracy class	C4 n. OIML
Minimum dead load	0 kg
Service load	120 %LN
Safe load limit	150 %LN
Total error	<±0.013 %Sn
Repeatability error	<±0.015 %Sn
Creep error (30 minutes)	<±0.016 %Sn
Temperature limits	-30... +70 °C
Nominal sensitivity (Sn)	200000±0.05% counts (programmable)
Nominal input voltage	6 - 15 V DC
Maximum input voltage	15 V
Power supply current	78 mA (max.)
Serial interface RS485	Fullduplex
Max. transmission cable length	1200 m
Input impedance	800Ω ± 2%
Output resistance	700 ± 3Ω
No load output	±2 %Sn
Maximum deflection (at Ln)	0.6 - 1 mm
Cable length	18 m



Dimensions (mm)

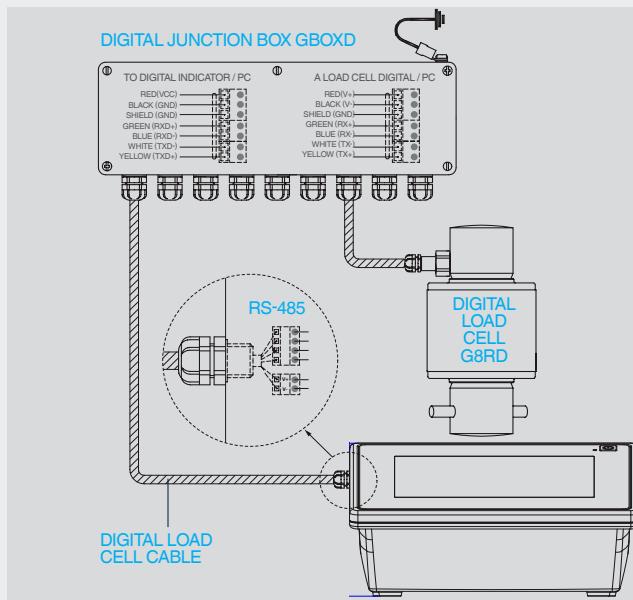
C.N. (t)	R
18 - 20	130
30	160
40 - 50	180

CODE G8RD

Reference	N. capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
G8RD 18	18	C4	15000	231024
G8RD 20	20	C4	15000	231025
G8RD 30	30	C4	15000	231026
G8RD 40	40	C4	15000	231027
G8RD 50	50	C4	15000	231028

CODE G8RD WITH ARMoured CABLE

Reference	Descripción	Código #
G8RD 18 CA	Load cell Giropes G8RD 18 t - armoured cable	231029
G8RD 20 CA	Load cell Giropes G8RD 20 t - armoured cable	231030
G8RD 30 CA	Load cell Giropes G8RD 30 t - armoured cable	231031
G8RD 40 CA	Load cell Giropes G8RD 40 t - armoured cable	231032
G8RD 50 CA	Load cell Giropes G8RD 50 t - armoured cable	231033

ESQUEMA
ACCESORIOS

GIPD



Reference	Description	Code #
GBOX8D	Giropes hermetic ABS DIGITAL junction box (8 cells)	240487
AC8CLGBOXD	Digital junction circuit board up to 8 load cells	240066

DIGITAL JUNCTION BOX

G8RD



RINGS SET

G8RD

ACCESSORIES

Reference	Description	Code #
AC-G8R	Alloy steel rings set in zinc-plated steel	240036
AC71901i	Stainless steel rings set	240184
For more information see page 48		

*Included: set of rings, rubber bands and metal flanges.

Reference	Description	Code #
AC74902	Superior plate to unite the rings set at a structure (for one load cell).	240037

SUPERIOR PLATE

G8RD

Reference	Description	Code #
AC74903	Bottom plate to unite the rings set at a structure (for one load cell).	240038

BOTTOM PLATE

G8RD

Reference	Description	Code #
AC74907	Mounting kit lift-off prevention for silo for the load cells G8R (for one load cell) up to 50t	240040

For more information see page 54

MOUNTING LIFT-OFF
PREVENTION FOR SILO

G8RD

GIP

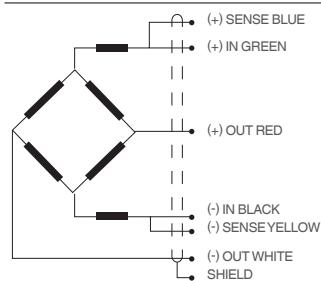
COMPRESSION

min 15.000 kg
max 60.000 kg



APPLICATIONS

High capacity weighing systems,
truck scales.



SENSES 2 additional wires to maintain a constant voltage supply at the load cell when used with proper instrumentation. Use specially when long wires and wide temperature range.
SHIELD: Not connected to transducer body..

FEATURES

- Compression load cell, selfcentring column.
- 3000 divisions OIML R60 class C.
- Available in ATEX version (optional)
- Zone 0-1-2 (gas) and 20-21-22 (dust)
- Easy to install
- Stainless steel building.
- Hermetically welded, Protection IP69K (ISO 20653)
- Pre-corner adjustment optimized for multicell systems
- Lightning protection



SPECIFICATIONS

Nominal capacities (LN) 15-20-25-30-40-60 t

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service load 120 %LN

Safe load limit 150 %LN

Total error <±0.017 %Sn (1)

Repeatability error <±0.015 %Sn

Temperature effect on zero <±0.01 %Sn/5°C

Temperature effect on sensitivity <±0.006 %Sn/5°C

Creep error (30 minutes) <±0.016 %Sn

Temperature compensation -10 - +40 °C

Temperature limits -30 - +70 °C

Nominal sensitivity (Sn) 2 mV/V (2)

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance 800±5 Ω

Output resistance 700±5 Ω

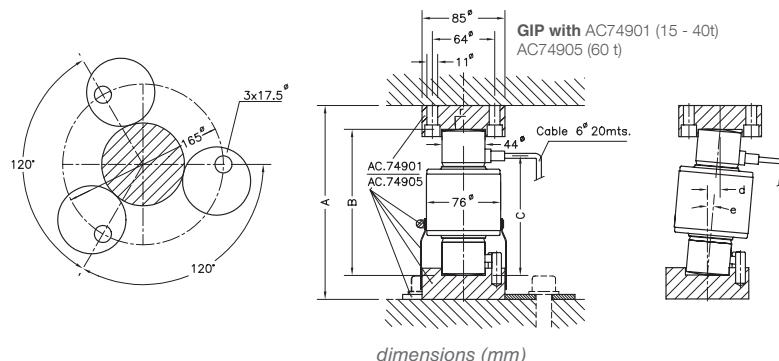
No load output <±2 %Sn

Insulation resistance > 5000 MΩ

Maximum deflection 0.6-1 mm

Cable length 18 m

(1) Pre-corner adjustment optimized at ±0.05% by output current calibration.



Reference	A	B	C	d max.	e. max (allowed)	r. est	Transport weight
GIP15t	200	150	123	13	5°	130	2 kg
GIP20t	200	150	123	13	5°	130	2.1 kg
GIP25t	200	150	123	13	5°	150	2.2 kg
GIP30t	200	150	123	13	5°	160	2.3 kg
GIP40t	200	150	123	13	5°	180	2.9 kg
GIP60t	260	210	153	11	3°	220	3.7 kg

PRICE GIP 15-30 T

Armoured cable load cell

N. capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #	Code #
15	C3	10000	230195	230787
20	C3	10000	230197	230198
25	C3	10000	230200	230473
30	C3	10000	230201	230202
40	C3	10000	230203	230204
60	C3	10000	230206	230788

ACCESSORIES

Reference	Description	Code #
GIPATEX	Option ATEX	-

Accessories GIP:

Support for silos, box junction, rings set and fixs plates. See page 54.

FEATURES

Compression load cell, selfcentring column
1000 divisions
Available in ATEX version Ex (optional)
Zone 0-1-2 (gas) and 20-21-22 (dust)
Easy to install
Stainless steel building
Hermetically welded, Protection IP69k (EN 60529)
Pre-corner adjustment optimized for multicell systems
Lightning protection



SPECIFICATIONS

Nominal capacities (LN) 100 - 200 - 400 t

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Total error $<\pm 0.017\% \text{Sn}$ (1) (3)

Repeatability error $<\pm 0.015\% \text{Sn}$

Temperature effect on zero $<\pm 0.01\% \text{Sn}/5^\circ\text{C}$

Temperature effect on sensitivity $<\pm 0.006\% \text{Sn}/5^\circ\text{C}$

Creep error (30 minutes) $<\pm 0.016\% \text{Sn}$

Temperature compensation -10 - +40 °C

Temperature limits -20 - +50 °C

Nominal sensitivity (Sn) $2\pm 0.1\% \text{mV/V}$ (2)

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance $400\pm 20\ \Omega$

Output resistance $350\pm 3\ \Omega$

No load output $< \pm 2\% \text{Sn}$

Insulation resistance $> 5000\ M\Omega$

Maximum deflection 0.2-0.4

Cable lenght 18 m

(1) Total error Non-linearity and hysteresis (2) $\text{Ln} \leq 20\text{ kg}$, $2 \pm 0.2\%$ (3) 1500 kg 2000 n.OIML

GIROPES
CE OIML M

GIP

COMPRESSION

min 100.000kg
max 400.000kg

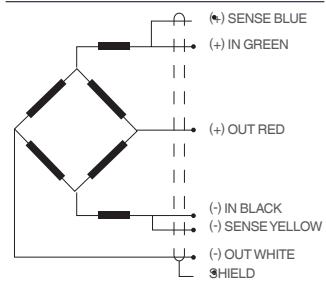


69k
IP

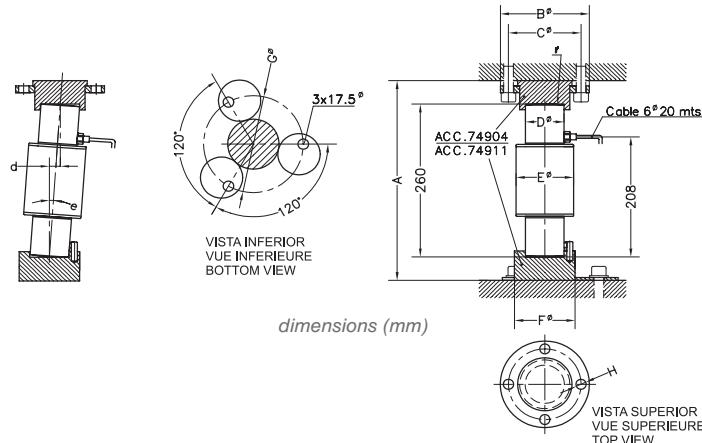


APPLICATIONS

High capacity weighing systems,
weighbridges.



SENSES 2 additional wires to maintain a constant voltage supply at the load cell when used with proper instrumentation. Use specially when long wires and wide temperature range. SHIELD: Not connected to transducer body.



Reference	a	b	c	d	e	f	g	h	d max.	E. max (allowed)	r. est	Transport weight
GIP100t	340	147	120	64	100	100	165	17	18	4°	290	8 kg
GIP200t	340	147	120	64	100	100	165	17	9	2°	400	8 kg
GIP400t	360	200	170	109	140	140	200	21	8	1,4°	450	19 kg
AC74911	---	---	---	---	---	---	---	---	---	---	---	15 kg

PRICE GIP 100-400 T

Reference	N. capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
GIP100	100	1000	7500	230659
GIP200	200	1000	7500	230660
GIP400	400	1000	7500	230661

ACCESSORIES

Reference	Description	Code #
GIPATEX	Option ATEX	-

Accessories GIP:
Support for silos, box junction, rings set and fixing plates. See page 54

GIPD

COMPRESSION

min 15.000 kg
max 60.000 kg

M 69k
IP

APPLICATIONS

High capacity weighing systems,
truck scales.



ROJO / ROUGE / RED	+ V _B
NEGRO / NOIR / BLACK	GND
AMARILLO / JAUNE / YELLOW	Tx +
BLANCO / BLANC / WHITE	Tx -
VERDE / VERT / GREEN	Rx +
AZUL / BLEU / BLUE	Rx -

FEATURES

- Compression load cell, selfcentring column.
- 4000 divisions OIML R60 class C.
- Easy to install.
- Stainless steel building.
- Hermetically welded, Protection IP69K (ISO 20653).
- Lightning protection.
- Interface digital RS485 fullduplex.
- Configuration and updatable software through serial interface.
- Advantages in system setup, corner adjustment and individualized diagnosis.

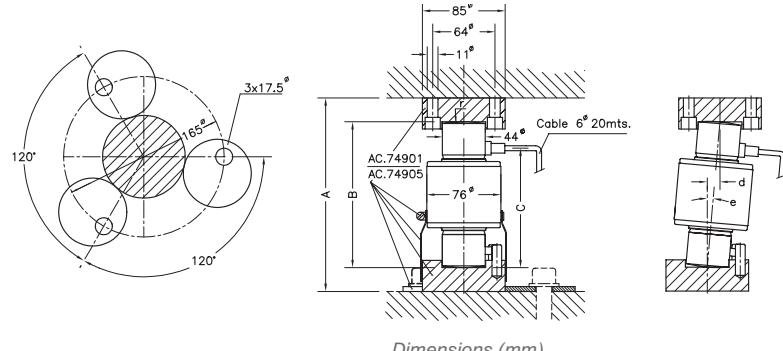


SPECIFICATIONS

Nominal capacities (LN)	15-30-40-60 t
Accuracy class	4000 n. OIML
Minimum dead load	0 %LN
Service load	120 %LN
Safe load limit	150 %LN
Total error	<±0.013 %Sn
Repeatability error	<±0.01 %Sn
Temperature effect on zero	<±0.01 %Sn/5°C
Temperature effect on sensitivity	<±0.006 %Sn/5°C
Creep error (30 minutes)	<±0.012 %Sn
Temperature compensation	-10 - +40 °C
Temperature limits	-30 - +70 °C
Nominal sensitivity (Sn)	200000±0.05% counts (1)
No load output	±0.1 %Sn
Nominal input voltage	7.5 - 18 V DC
Supply current	80 mA (max.)
Serial interface RS485	Fullduplex
Max. transmission cable length	1200 m
Maximum deflection	0.6 - 1
Cable lenght	18 m

(1) User programmable

GIP with AC74901 (15 - 40t)
AC74905 (60 t)



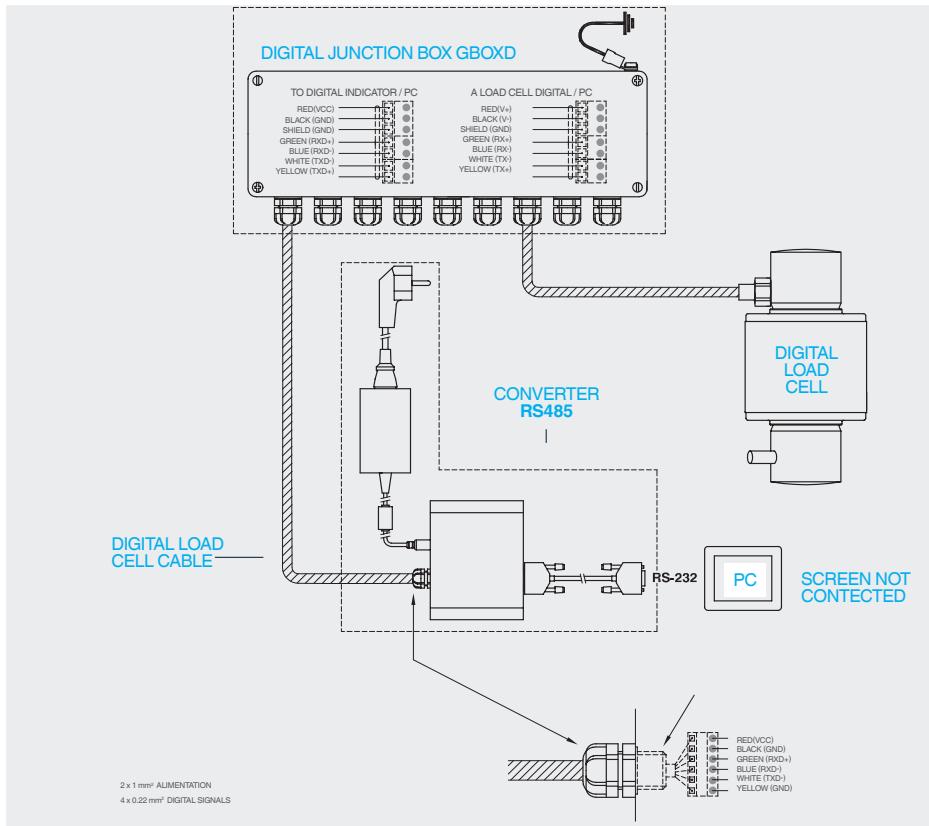
Dimensions (mm)

Reference	A	B	C	d max.	e. max (allowed)	r. est	Transport weight
GIP15t	200	150	123	13	5°	130	2 kg
GIP20t	200	150	123	13	5°	130	2.1 kg
GIP25t	200	150	123	13	5°	150	2.2 kg
GIP30t	200	150	123	13	5°	160	2.3 kg
GIP40t	200	150	123	13	5°	180	2.9 kg
GIP60t	260	210	153	11	3°	220	3.7 kg

PRICE GIPD 15-60 T

Reference	N. capacity - In (t)	Accuracy class n. OIML	y = emax / vmin	Code #
GIPD15t	15	C4	12000	230207
GIPD20t	20	C4	12000	230208
GIPD30t	30	C4	12000	230209
GIPD40t	40	C4	12000	230210
GIPD60t	60	C4	12000	230658

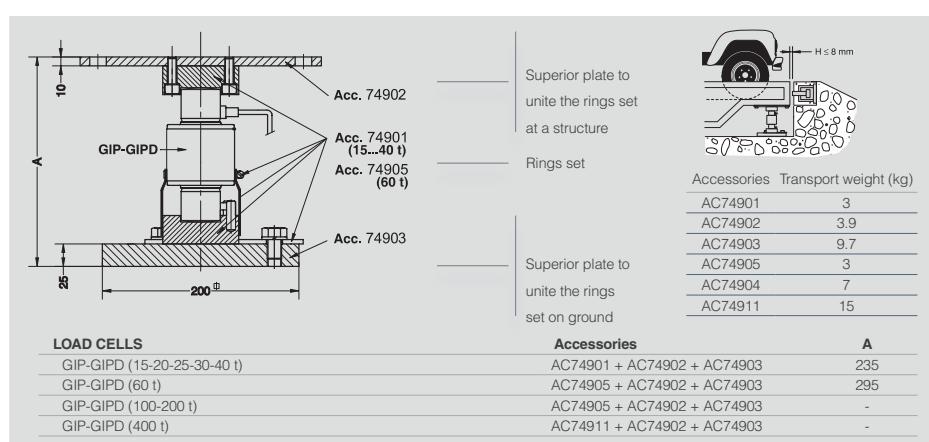
Accessories GIP:
Support for silos, box junction, rings set and fix plates. See page 54.



ACCESSORIES

Reference	Description	Code #
AC89090	Digital junction box 8 load cells.	240050
AC89091	Converter RS-485/RS-232	240165
AC89100	200 m digital load cell cable	240166

ACCESSORIES



ACCESSORIES RINGS SET GIP-GIPD

Reference	Description	Code #
AC74901	Rings set to lean the load cells GIP-GIPD (15-20-25-30-40 t) for one load cell	240036
AC74905	Rings set to lean the load cells GIP-GIPD (60 t) for one load cell	240039
AC74904	Rings set to lean the load cells GIP-GIPD (100-200 t) for one load cell	240510
AC74911	Rings set to lean the load cells GIP-GIPD (400 t) for one load cell	240511

SET RINGS

Reference	Description	Code #
AC74902	Superior plate to unite the rings set at a structure (for one load cell). GIP-GIPD	240037
AC74903	Superior plate to unite the rings set on ground (for one load cell) GIP-GIPD	240038

PLATES TO UNITE



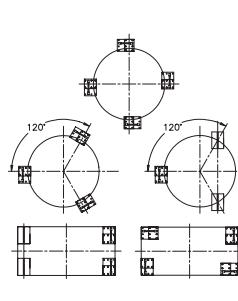
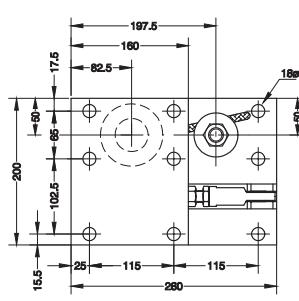
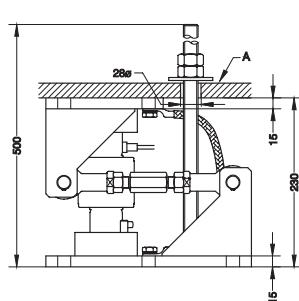
**G8R
GIP
GIPD**

**15 t
40 t**

MOUNTING KIT LIFT-OFF PREVENTION FOR SILO

SPECIFICATIONS

Nominal load	15 - 40 t
Max. permissible side offset transverse to retention arm	± 4 mm
Permissible horizontal force in direction of the retention arm	47 kN
Maximum permissible lifting force	76 kN
Maximum permissible lifting movement, must be adjusted (A)	3 mm
Material	Zinc-plated steel
Transport weight	19 kg



Reference	Optionals and accessories	Code #
AC74907	Mounting kit lift-off prevention for silo for the load cells GIP, GIPD and G8R (for one load cell)	240040



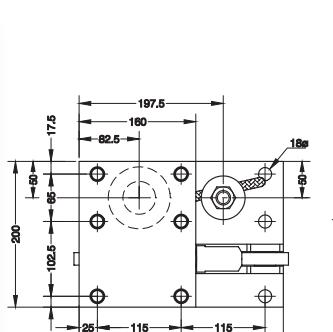
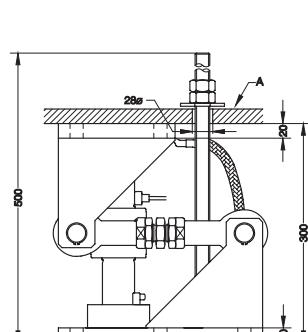
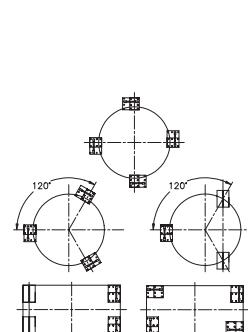
**GIP
GIPD**

60 t

MOUNTING KIT LIFT-OFF PREVENTION FOR SILO

SPECIFICATIONS

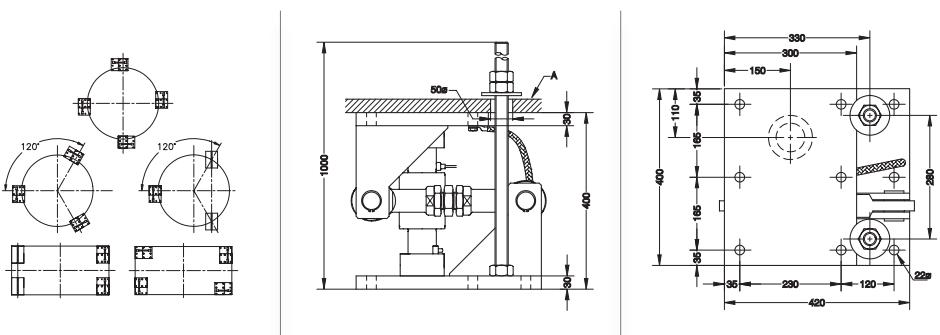
Nominal load	60 t
Max. permissible side offset transverse to retention arm	± 4 mm
Permissible horizontal force in direction of the retention arm	95 kN
Maximum permissible lifting force	114 kN
Maximum permissible lifting movement, must be adjusted (A)	3 mm
Material	steel alloy zinc-plated
Transport weight	27 kg



Reference	Optionals and accessories	Code #
AC74908	Mounting kit lift-off prevention for silo for the load cells GIP60t (for one load cell)	240108

SPECIFICATIONS

Nominal load	100 - 200 t
Max. permissible side offset transverse to retention arm	±5 mm
Permissible horizontal force in direction of the retention arm	180 kN
Maximum permissible lifting force	228 kN
Maximum permissible lifting movement, must be adjusted (A)	3 mm
Material	Zinc-plated steel
Transport weight	98 kg



Reference	Optionals and accessories	Code #
AC74909	Mounting kit lift-off prevention for silo for the load cells GIP100t and GIP200t (for one load cell)	240109

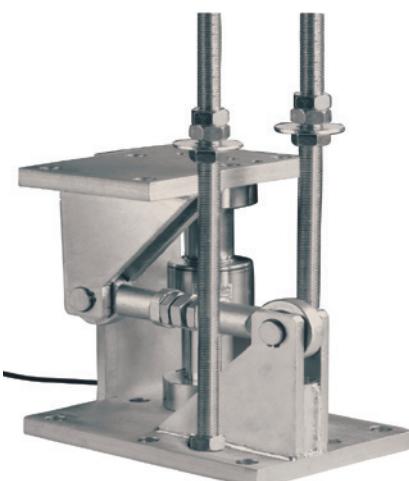
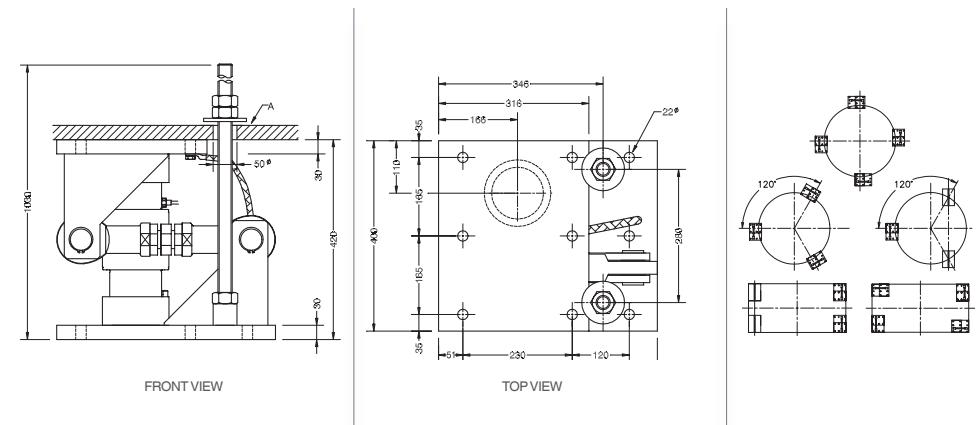


GIP

100 t
200 t

SPECIFICATIONS

Nominal load	400 t
Max. permissible side offset transverse to retention arm	±5 mm
Permissible horizontal force in direction of the retention arm	240 kN
Maximum permissible lifting force	330 kN
Maximum permissible lifting movement, must be adjusted (A)	3 mm
Material	Zinc-plated steel
Transport weight	130 kg



GIP

400 t

Reference	Optionals and accessories	Code #	
AC74910	Mounting kit lift-off prevention for silo for the load cells GIP400t (for one load cell)	240164	

MOUNTING KIT LIFT-OFF PREVENTION FOR SILO

G1T

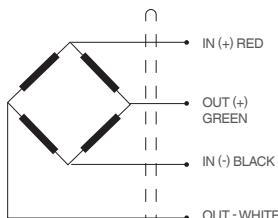
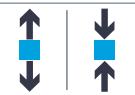
TRACTION

min	30 kg
max	2.500 kg



APPLICATIONS

Silos and Hopper weighing.



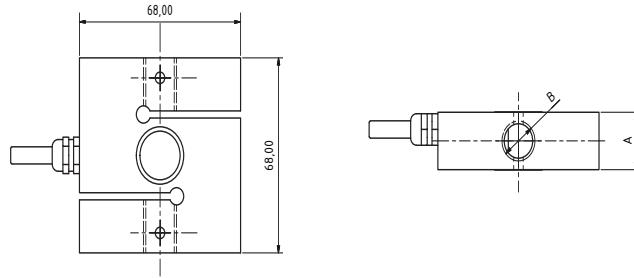
FEATURES

- Traction load cell.
- 3000 divisions OIML R60 class C.
- Hermetically sealed laser welded.
- Stainless steel building.
- Protected against humidity IP68 (EN60529).



SPECIFICATIONS

Nominal capacities (LN)	30-50-100-150-300-500-750-1000-1500-2000-2500 kg
Accuracy class	3000 n. OIML
Minimum dead load	0 %LN
Service load	150 %LN
Safe load limit	200 %LN
Total error	<±0.017 %Sn (1) (3)
Repeatability error	<±0.015 %Sn
Temperature effect on zero	<±0.01 %Sn/5°C
Temperature effect on sensitivity	<±0.006 %Sn/5°C
Creep error (30 minutes)	<±0.016 %Sn
Temperature compensation	-10 - +40 °C
Temperature limits	-20 - +50 °C
Nominal sensitivity (Sn)	2±0.1% mV/V (2)
Nominal input voltage	10 V
Maximum input voltage	15 V
Input impedance	386±10% Ω
Output resistance	350±10% Ω
No load output	<±2 %Sn
Insulation resistance	> 5000 MΩ
Maximum deflection	0.2-0.4 mm
Cable lenght	5 m



C.N. (kg)	30	50	100	150	300	500	750	1000	1500	2000	2500
A	12.5	12.5	12.5	12.5	20	20	25	25	25	25	25
B	M6	M6	M8	M8	M12	M12	M16	M16	M16	M16	M16

Dimensions (mm)

Reference	Nominal capacity - In (kg)	Accuracy class n. OIML	$y = e_{\max} / v_{\min}$	Code #
G1T 30	30	C3	8000	230694
G1T 50	50	C3	8000	230695
G1T 100	100	C3	8000	230696
G1T 150	150	C3	8000	230697
G1T 300	300	C3	8000	230698
G1T 500	500	C3	8000	230699
G1T 750	750	C3	8000	230700
G1T 1000	1000	C3	8000	230701
G1T 1500	1500	C3	8000	230702
G1T 2000	2000	C3	8000	230703
G1T 2500	2500	C3	8000	230704

G2T

TRACTION

min **750 kg**
 max **5.000 kg**



FEATURES

- Traction load cell.
- 3000 divisions OIML R60 class C.
- Hermetically sealed laser welded.
- Stainless steel building.
- Protected against humidity IP68 (EN60529).



SPECIFICATIONS

Nominal capacities (LN) 750-1000-1500-2000-2500-3000-5000 kg

Accuracy class 3000 n. OIML

Minimum dead load 0 %LN

Service load 150 %LN

Safe load limit 200 %LN

Total error <±0.017 %Sn

Repeatability error <±0.015 %Sn

Temperature effect on zero <±0.01 %Sn/5°C

Temperature effect on sensitivity <±0.006 %Sn/5°C

Creep error (30 minutes) <±0.016 %Sn

Temperature compensation -10.40 °C

Temperature limits -20.50 °C

Nominal sensitivity (Sn) 2±0.1% mV/V (2)

Nominal input voltage 10 V

Maximum input voltage 15 V

Input impedance 386±10% Ω

Output resistance 350±10% Ω

No load output < ±2 %Sn

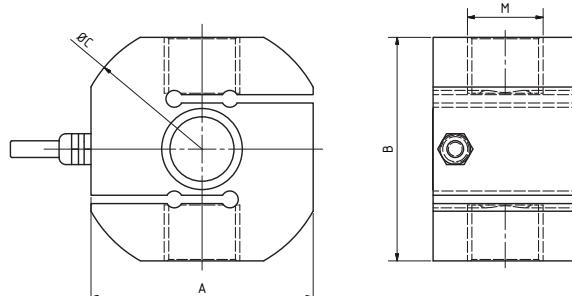
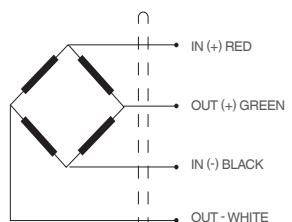
Insulation resistance > 5000 MΩ

Maximum deflection 0.2-0.4 mm

Cable lenght 5 m

APPLICATIONS

Silos and Hopper weighing.



C.N (kg)	A	B	ø C	D	M
250-500	70	70	80	25	M12
750-1500	80	80	91.5	25	M16
2000-5000	94	94	105	42	M22

Dimensions (mm)

Reference	Nominal capacity - In (Kg)	Accuracy class n. OIML	$y = e_{\max} / v_{\min}$	Code #
G2T 750	750	C3	8000	230625
G2T 1000	1000	C3	8000	230626
G2T 1500	1500	C3	8000	230627
G2T 2000	2000	C3	8000	230628
G2T 2500	2500	C3	8000	230629
G2T 3000	3000	C3	8000	230630
G2T 5000	5000	C3	8000	230631

G1G

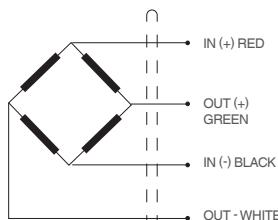
TRACTION

min 500 kg
 max 12.500 kg



APPLICATIONS

Lifts and Forklifts



FEATURES

Traction Load cell.
 3000 divisions OIML R60 class C.
 Hermetically welded.
 Stainless steel building.
 Protected against humidity IP67 (EN60529).

SPECIFICATIONS

Nominal capacities (LN) 500-12500 kg

Accuracy class C2 n. OIML

Service load 150 %LN

Safe load limit 400 %LN

Total error 0,02% N.L.

Nominal input voltage 5. 15 V

Input impedance 386±5 Ω

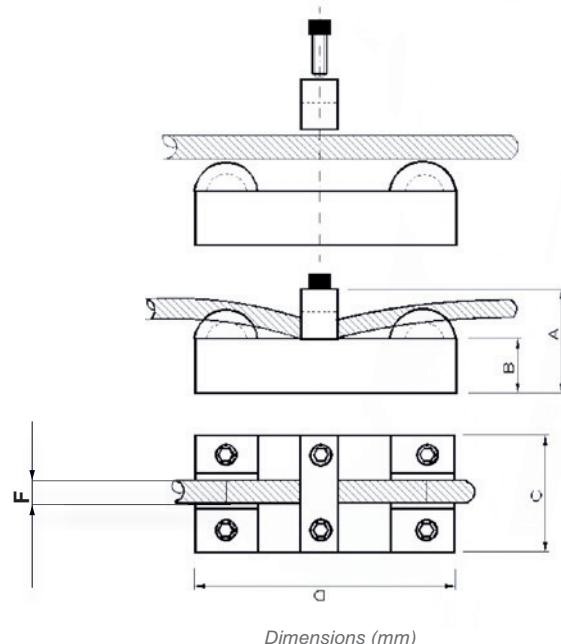
Output resistance 350±5 Ω

Temperature range compensated -10. +40 °C

Nominal sensitivity (Sn) 2 mV/V ±1%

Insulation resistance > 5000 MΩ

Cable lenght 4 m



Dimensions (mm)

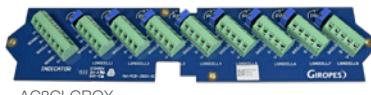
Model	f (diameter)	A	B	C	D
G1G 500 - 5000	4-15	80	25	73	230
G1G 3000 - 7500	4-24	70	25	60	230
G1G 5000 - 12500	4-35	55	25	40	180

Reference	Nominal capacity - In (kg)	Accuracy class n. OIML	y = emax / vmin	Code #
G1G 500-5000	500-5000	500	8000	230581
G1G 3000-7500	3000-7500	500	8000	230580
G1G 5000-12500	5000-12500	500	8000	230579



GIROPES)
WEIGHING SOLUTIONS

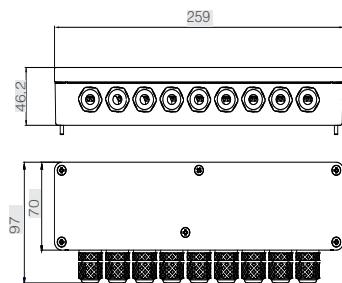
**QUALITY &
MAXIMUM RELIABILITY**



AC8CLGBOX



AC8CLGBOXD



Reference	Description	Code #
GBOX8	Giropes hermetic ABS junction box (8 cells). IP66	240442
GBOX8D	Giropes hermetic ABS DIGITAL junction box (8 cells). IP66	240487

Nº CELLS

JUNCTION BOXES
IP66

≤ 8

JUNCTION CIRCUIT

Reference	Description	Code #
AC8CLGBOX	Junction circuit board up to 8 load cells	240447
AC8CLGBOXD	Digital junction circuit board up to 8 load cells	240066

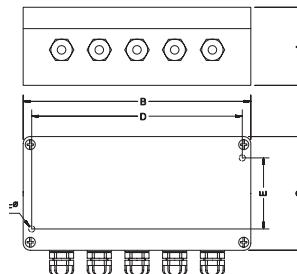
Nº CELLS

JUNCTION BOXES

≤ 4
≤ 8

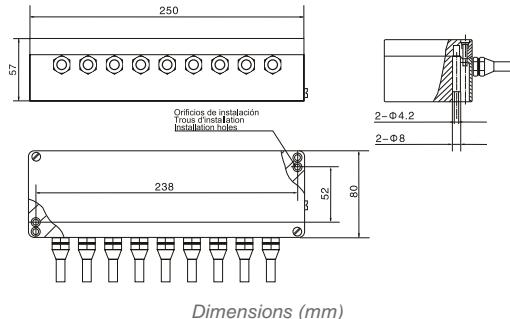
JUNCTION CIRCUIT

Reference	A	B	C	D	E	ØF	transport weight	material
89002	60	240	80	228	50	4.2	0.7 kg	Plastic
89053	45	160	80	148	50	4.2	0.3 kg	Plastic
89068	54	250	80	238	52	4.8	1.0 kg	Aluminum
89092	52	250	80	238	52	4.8	1.0 kg	Aluminum
89093	57	175	80	163	52	4.8	0.8 kg	Aluminum
89128	57	175	80	163	52	4.8	0.8 kg	Aluminum



Reference	Description	Code #
AC89002	Junc-box up to 8 load cells plastic hermetic	240044
AC89053	Junc-box up to 4 load cells plastic hermetic	240045
AC89128	Junc-Box up to 4 load cells over voltage protected aluminium hermetic	240053
AC89068	Junc-Box up to 8 load cells over voltage protected aluminium hermetic	240046
AC89093	Junc-Box up to 4 load cells aluminium in version ATEX Ex zone 0, 1, 2, 20, 21, 22.	240052
AC89092	Junc-Box up to 8 load cells aluminium in version ATEX Ex zone 0, 1, 2, 20, 21, 22.	240051

Reference	Description	Code #
AC89069	Junction circuit board up to 4 load cells	240047
AC89070	Junction circuit board up to 8 load cells	240048
AC89071	Junction circuit board up to 8 load cells with arresters	240049

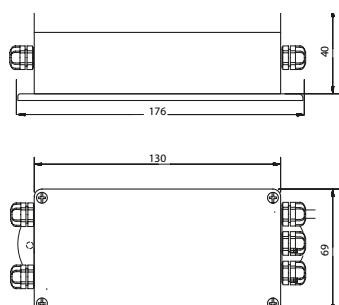


Nº
CELLS

≥ 2
≤ 8

Reference	Description	Code #
AC90008	Junc-box from 2 up to 8 load cells aluminium hermetic.	240061

JUNCTION
BOXES



Dimensions (mm)



IP 68

Nº
CELLS

≤ 4

Reference	Description	Code #
WBOX4	Junc-box up to 4 load cells plastic hermetic in ABS WBOX4	240450

IP68 JUNCTION
BOXES

Reference	Description	Code #
-	Gel sealing and insulating kit for the protection of electronic circuits	240185

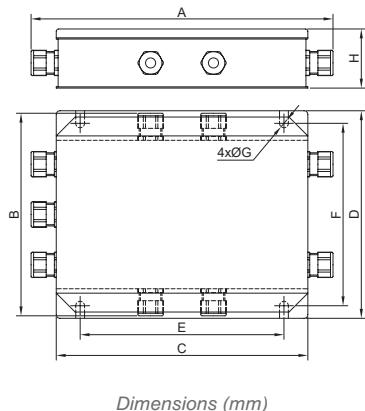
GEL SEALING KIT



Nº CELLS

 ≤ 4
 ≤ 8

JUNCTION BOXES



Reference	A	B	C	D	E	ØF	H	material
AC90001	240	165	200	170	162	155	7	Stainless steel
AC90002	175	---	132	110	168	35	7	Stainless steel

JUNCTION CIRCUIT BOARD

Reference	Description	Code #
AC90001	Stainless steel junc-box up to 8 load cells	240055
AC90002	Stainless steel junc-box up to 4 load cells	240056

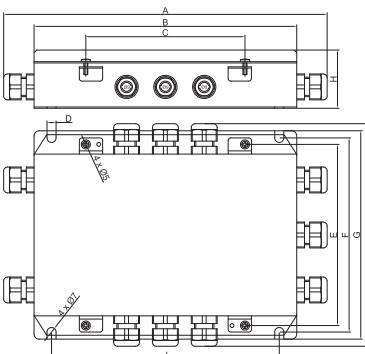
Reference	Description	Code #
AC90031	Junction circuit board up to 8 load cells for the junc-box AC90001	240122
AC90030	Junction circuit board up to 4 load cells for the junc-box AC90002	240076



Nº CELLS

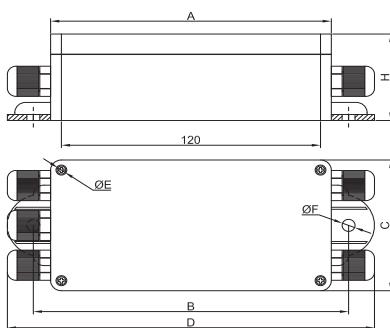
 ≤ 10

JUNCTION BOXES



Reference	A	B	C	D	E	F	G	I	J	H	material
AC90006	250	200	120	7	140	150	160	170	170	45	Stainless steel

Reference	Description	Code #
AC90006	Stainless steel junc-box of limited dimensions up to 10 load cells of load.	240059



Reference	A	B	C	D	E	ØF	H	material
AC90004	130	146	65	170	3	6,5	43	Plastic

ACCESSORIES

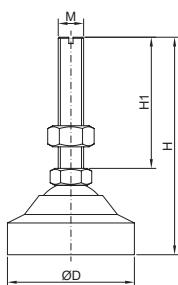
Nº CELLS
 ≤ 4

JUNCTION BOXES

Reference	Description	Code #
AC90004	Plastic junc-box of limited dimensions up to 4 load cells of load. Protection IP66	240057

FEATURES

- > Self-centering load feet with ball
- > Versions: Nickel-plated steel and stainless steel.
- > Rubber base.



Load	H	H1	ØD	M
0.5 - 2 t	90	50	60	M12 x 1.75
2 - 5 t	105	50	80	M18 x 1.75
2 - 5 t	130	90	100	M20 x 1.75

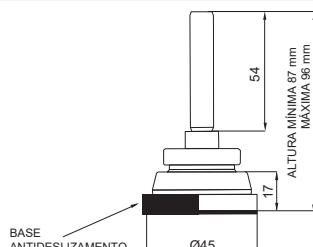
M12
M18

LOAD FEET

Reference	Optionals and accessories	Transport weight (kg)	Code #
AC90010	Self-centering load feet with ball, M12 x 1.75 with nickel-plated steel	0,365	240063
AC90011	Self-centering load feet with ball, M12 x 1.75, with stainless steel	0,330	240064
AC90012	Self-centering load feet with ball, M18 x 1.75, with Nickel-plated steel	0,910	240065
AC90022	Self-centering load feet with ball, M20 x 1.75, with Nickel-plated steel	1,620	240103

FEATURES

- > Self-centering load feet with ball
- > Stainless steel
- > Rubber base.



Reference	Optionals and accessories	Transport weight (kg)	Code #
INPIE PIV M12	Self-centering load feet with ball, M12 x 1.75, with stainless steel	0,250	700045



M12

LOAD FEET

FEATURES

- > Self-centering load feet with spherical end
- > Versions: Nickel-plated steel and stainless steel
- > Rubber base.

Reference	Optionals and accessories	Transport weight (kg)	Code #
AC90014	Self-centering load feet with spherical end M12 x 1.75, with nickel-plated steel	0,245	240067
AC90014i	Self-centering load feet with spherical end M12 x 1.75, with stainless steel	0,245	240068



M12

LOAD FEET

FEATURES

- > Self-centering load feet of sliding cylinder
- > Nickel-plated steel

Reference	Optionals and accessories	Transport weight (kg)	Code #
AC90024	Self-centering load feet of sliding cylinder M12 x 1.75, with nickel-plated steel	0,370	240439



M12

LOAD FEET

FEATURES

- > Leveling load feet
- > Nickel-plated steel
- > Rubber base

Reference	Optionals and accessories	Transport weight (kg)	Code #
AC90025	Leveling load feet with rubber base M12 x 1.75, with nickel-plated steel	0,265	240440



M12

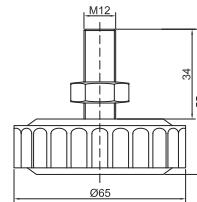
LOAD FEET



LOAD FEET

FEATURES

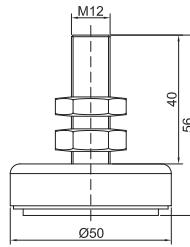
- > Leveling load feet rigid.
- > With zinc-plated steel.
- > Rubber base



LOAD FEET

FEATURES

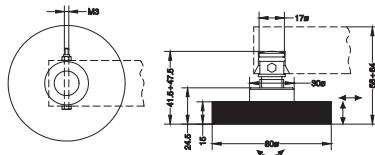
- > Leveling load feet
- > Stainless steel
- > Base in hard plastic.



LOAD FEET

FEATURES

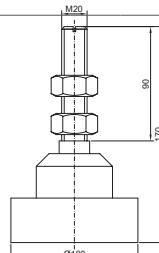
- > Self-centering load feet of sliding cylinder
- > Stainless steel
- > Base in hard plastic.



LOAD FEET

FEATURES

- > Self-centering load feet with ball.
- > Versions: Nickel-plated steel and stainless steel.
- > Up to 10 t.

**Reference** **Optionals and accessories**

Transport weight (kg) **Code #**

AC90016 Self-centering load feet of sliding cylinder, stainless steel and rubber, cylinder Ø17, base Ø80

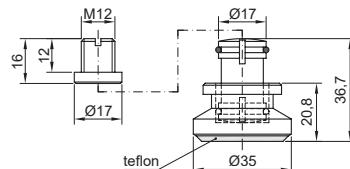
0,290 240070



LOAD FEET

FEATURES

- > Self-centering load feet of sliding cylinder.
- > Small height.
- > Stainless steel
- > Teflon base.
- > Includes accessory for height adjustment

**Reference** **Optionals and accessories**

Transport weight (kg) **Code #**

AC90015 Self-centering load feet of sliding cylinder, stainless steel, cylinder Ø17, base Ø35

0,120 240069



M12
M16
M20
M22
M24

ROD ENDS
FOR TENSION

Description	Code #
Rod ends for tension M12	240444
Rod ends for tension M16	240445
Rod ends for tension M20	240512
Rod ends for tension M22	240446
Rod ends for tension M24	240513

**CONDITIONS GUARANTEE
RMA
ADVERTISING AND INFORMATIVE MAILING**

VAT and cost of transport are not included

GUARANTEE CONDITIONS:

Giropes guarantees its products, bought through an authorized channel, with reference to manufacturing or material defects during a period of two years from the delivery date, according to the current legislation, except when there is a specific agreement or in the acceptance of the order.

- » The guarantee does not include damages produced by the wear of the material due to its use, inappropriate conservation or maintenance, Wrong storage or use, modifications introduced without the consent, on paper, from Giropes and in general due to causes beyond the control of our company, Giropes.
- » The guarantee does not include accessories such as battery, adaptor, electrical heater, etc.
- » The reparations will be done by Giropes. The customer must pay for the dismantling, the packaging, the transport, the taxes, custom duty... produced by the delivery of the material to Giropes and its delivery to the customer.
- » The customer must do the delivery of the material via the RMA system which Giropes has.
- » Giropes can agree with the customer the reparation or the replacement of the faulty pieces. In such case, the expenses of the journey of the members of the technical service will be paid by the customer.
- » In the event of a malfunction of the product, within the first 45 days since its delivery, it is going to be replaces. The customer must claim for any damages by completing a RMA form and the item must be returned in its original, undamaged packaging. Giropes reserves the right to ask for images and/or videos to evaluate each case and for its approval. Giropes is going to take charge of the picking-up and the transport of the product. Giropes reserves the right to charge the product and transport if the product has been handled and damaged or the packaging is not completed.
- » A new warranty period does not commence in the case of replacement, but the calculation of the outstanding warranty period of the original product is reactivated.
- » Giropes is not going to pay for the reparations done by third parties.
- » The repairing or replacement of a faulty piece does not vary the guarantee period of the supplied product. However, the piece that has been repaired or replaced has a guarantee period of two years from the date when the reparation or replacement has been done (for the duration of the repair, the calculation of the two-year period is suspended).
- » Giropes is not responsible, in any case, of indirect damages and/or as a consequence of the supplying.
- » The Customer will be responsible of getting rid of the elements supplied by Giropes sl, following the necessary regulation rules, by its own account and responsibility.

WARRANTY FOR DAMAGES DONE DURING THE TRANSPORT:

- » Customers out of Spain but in European Union have 7 days from the date of delivery of the merchandise to communicate to BAXTRAN any type of damage produced by the transport in case the transport has been hired by Baxtran. If the complaining is not done during this period, BAXTRAN will not be responsible and in charge to pay for any type of repairing or substitution if the product has been damaged. This period could change by other country's law.
- » We remind you that there is at your disposal a section called "Reservations entry" to specify, when signing the delivery note that the package contains damages such as hits, breaks or others that can affect the product and cannot be seen without opening the package. We strongly recommend you to complete with your observations the delivery note from the deliverer before signing it. All the members of our staff have an EC Certify and the user's guide for our customers.
- » Remember that as manufacturers Giropes SL does not include transportation damage in the guarantee, so if they do not specify it in the "Reservation Annotation" it can not be claimed from the carrier.

REMOVAL OF USED ELECTRONIC PRODUCTS WITH THE SAME FEATURES AS THE PRODUCT PURCHASED:

- » GIROPES, S.L. is registered in the Register of Electrical and Electronic Equipment of the Ministry of Industry, Tourism and Trade (RII-AEE) under number 7322.
- » GIROPES, S.L. offers the customer the possibility of, on delivering their purchase, removing a used electrical and/or electronic product with the same characteristics as the one sold.



GUARANTEE



RMA

RMA

Giropes announced the introduction of a RMA service (Return Merchandise Authorization) with the objective to improve steps for products returns and/or repair and give a better after-sales services.

From now RMA number is going to be compulsory to start any Technical Service.

If you are not familiar with our RMA, system, please click the link and follow the instructions.

<http://www.giropes.com/rma>

STEP 1

Go to Giropes website and click on

RMA section:

www.giropes.com



STEP 2

Complete the form to request RMA number:

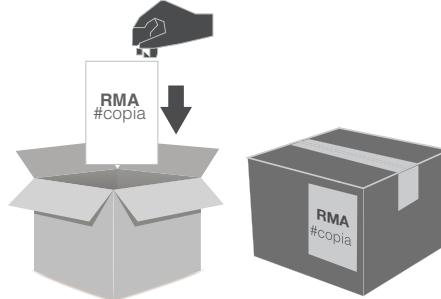
- <https://www.giropes.com/en/rma/>
- Giropes will answer within a period of more less 24 hours (on weekdays), with an RMA number and a label.



STEP 3

Return to Giropes:

- The box has to contain a copy of the RMA.
- The material has to be sent prepaid to the address that figures in the label, and a RMA copy appearing in a visible part of the package.



STEP 4

• Return resolution:

- Once the material is received, Giropes will proceed verifying and/or repairing it. As soon as the incident is resolved, Giropes will send out the item repaired freight collect.

For more information contact with
our Technic Service
+34 972 527 212
service@giropes.com

Compensation quotes are valid for 45 days from the date on which they are sent. If after this period no written reply of acceptance or rejection of the quote has been received, the merchandise will be returned with the delivery fees to be paid by the recipient. In the case that the delivery is rejected, and, consequently, returned to our facilities, the material will then be considered property of GIROPES.

CONDITIONS OF SALE

ADVERTISING AND INFORMATIVE MAILING

Following the general conditions of sale of Giropes SL, our Customers are incorporated to our database, so our customer is going to receive mailings with offers of our products and updates and news referring to these ones. If you want to use your rights of cancellation concerning to this matter, please contact us. In every email you receive, you can unsubscribe yourself if you do not wish to receive more offers or information about the products of Giropes SL and its brands.

NOTES REFERRING TO OUR CATALOGUE:

- The information of the products as well as their references and prices have been revised to make sure that they are right and they are completely updated. However, we can not guarantee that there is no mistake both in the Description and/or the prices which are shown or that our products are available at any time.
- The prices except if there is a typographical error or until the current document is modified. Please, consult Giropes SL to know always the last revision of the catalogue, the current prices and their availability at the time of placing your order.
- Similarly, we also inform you that the images that appear in our catalogue and in our website do not imply any contractual commitment. Giropes offers in this publishing and in the web of the products which are available and possibility to be delivered at the time of publishing the document. However, the circumstances can lead us to offer alternative equipment or changes in their design, which must also go through our exhaustive criteria of product quality.

INTELLECTUAL PROPERTY:

- The sale and delivery of equipment, software or services by Giropes SL and their brands to the Customer does not represent any transfer of property rights, patents, "copyrights", trademark right, technologies, designs, specifications, plans or any other intellectual property directly or indirectly incorporated to the equipment and software.

PAYMENT TERMS

- All the prices that appear in our catalogue are without VAT. Any type of indirect tax in connection with the sale are in charge of the customer. Cost of transport is not included.
- In general, the form of payment is a transfer within 30 calendar days since the issue date of the invoice. The modalities and payment methods must be formalised in writing with the acceptance of Giropes SL.
- Cash discount: a discount of the 3% can be applied for cash discount, provided that the replenishing is done within 15 days subsequent to receipt of goods. The invoice is going to be done with cash discount if it has been indicated at the moment of confirming your order when sending the goods. If the payment has not been done within the specified time, we are going to send and invoice without the 3% discount. If the customer have a complaint or objection, it does not entitle him to delay payment.

ORDERS

- The Customer must ask for the equipment using any type of writing communication. The order which have not been approved first by Giropes SL will not be valid.

RETENTION OF TITLE

- As the Contractual relationship the Customer gives to Giropes SL the retention of title of the equipment delivered until the actual payment of the ones and in the established conditions.



GIROPES)
WEIGHING SOLUTIONS

GIROPES



Load cells 2024



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