CO
COLUMN LOAD CELLS

LAUMAS®

Capacity 25000 kg





- 17-4 PH STAINLESS STEEL
- COMBINED ERROR ≤ ±0.017%
- IP68 PROTECTION RATING
- LIGHTNING PROTECTION

CAPACITY	kg	ACCURACY CLASS C4		NET WEIGHT (kg)
25000		•	•	2.4

• ON REQUEST

CERTIFICATIONS

OIML R60 C4

Complies with the Eurasian Customs Union regulations

Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST
Calibration report
ATEX *(zone 2-22)*
ATEX/IECEx *(zone 1-21)*
Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres
FM HazLoc - Complies with the United States and Canada regulations for use in potentially explosive atmospheres
Complies with Chinese market regulations for use in potentially explosive atmospheres
Complies with the regulations of the Russian Federation for legal for trade use

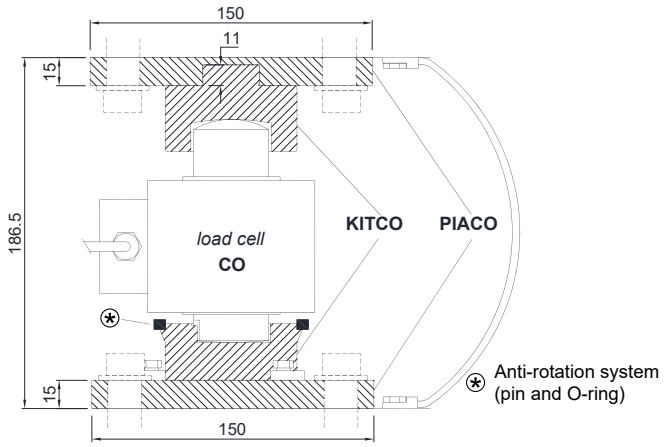
COMPLEMENTARY ACCESSORIES

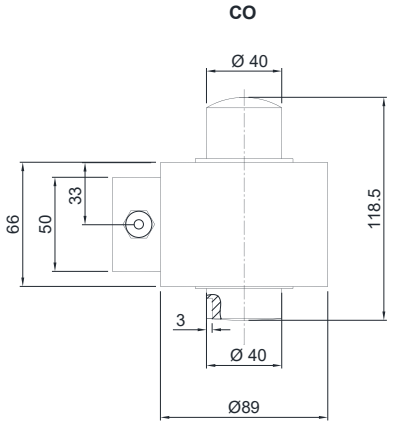
	DESCRIPTION	MODEL
	Stainless steel accessory composed by anti-rotation system with O-ring and 2 bases (upper and lower).	KITCO
	Kit composed by 2 AISI 5140 nickel plated steel plates (upper and lower) for KITCO bases.	PIACO

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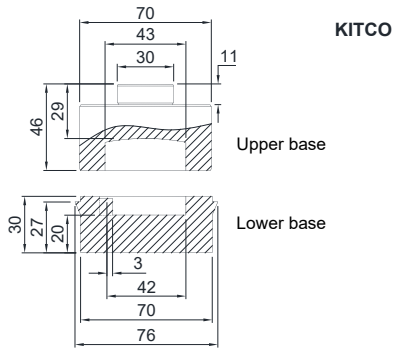
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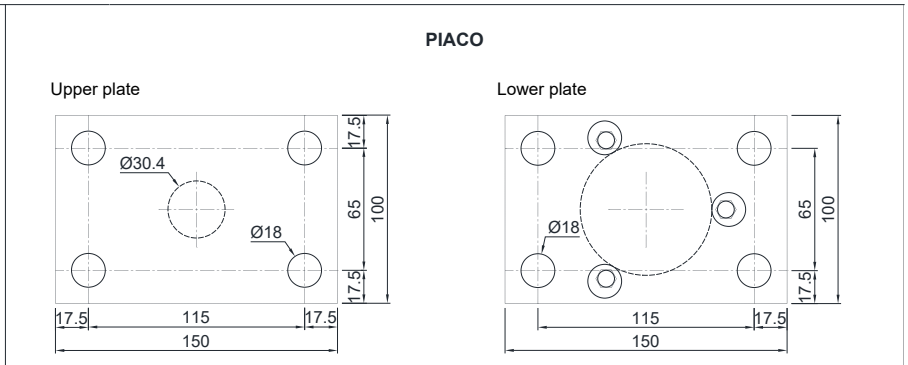
DIMENSIONS (mm)





CO = 2.4 kg
KITCO = 1.8 kg
PIACO = 3.4 kg





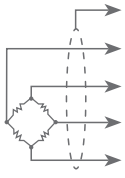
TECHNICAL FEATURES

Material	17-4 PH stainless steel
OIML R60 Accuracy class • Verification intervals	C4 • 4000
Nominal load (E max)	25000 kg
Minimum verification interval (V min)	E max / 15000
Combined error	≤ ±0.017%
Protection rating	IP68

Rated output	2 mV/V ±1%	Input resistance	700 Ω ±7
Temperature effect on zero	0.002% °C	Output resistance	700 Ω ±7
Temperature effect on span	0.002% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	≥5000 MΩ
Operating temperature range	-30 °C / +65°C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	18 V	Deflection at nominal load	0.6 - 1 mm

ELECTRICAL CONNECTIONS

Cable length	15 m
Cable diameter	5 mm
Cores	4 x 0.24 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION	RED
- SIGNAL	WHITE
- EXCITATION	BLACK

The Company reserves the right to make changes to the technical data, drawings and images without notice.

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ISO 9001
ISO 14001

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