COK

COLUMN LOAD CELLS

LAUMAS®

Capacity from 15000 kg to 50000 kg





MOUNTING KIT



VCOKDTL

- AISI 4340 NICKEL PLATED STEEL
- COMBINED ERROR ≤ ±0.02%
- IP68 PROTECTION RATING
- KITCOK MOUNTING ACCESSORY INCLUDED

CAPACITY kg	ACCURACY CLASS C3		NET WEIGHT (kg)
15000	•	•	3.3
25000	•	•	3.5
50000	•	•	3.7
25000 Anti-rat Cable	•	•	4

⌊ ⌋ ON REQUEST

CERTIFICATIONS

OIML R60 C3

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)*
	Complies with the Eurasian Customs Union 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

Rev. 0.0

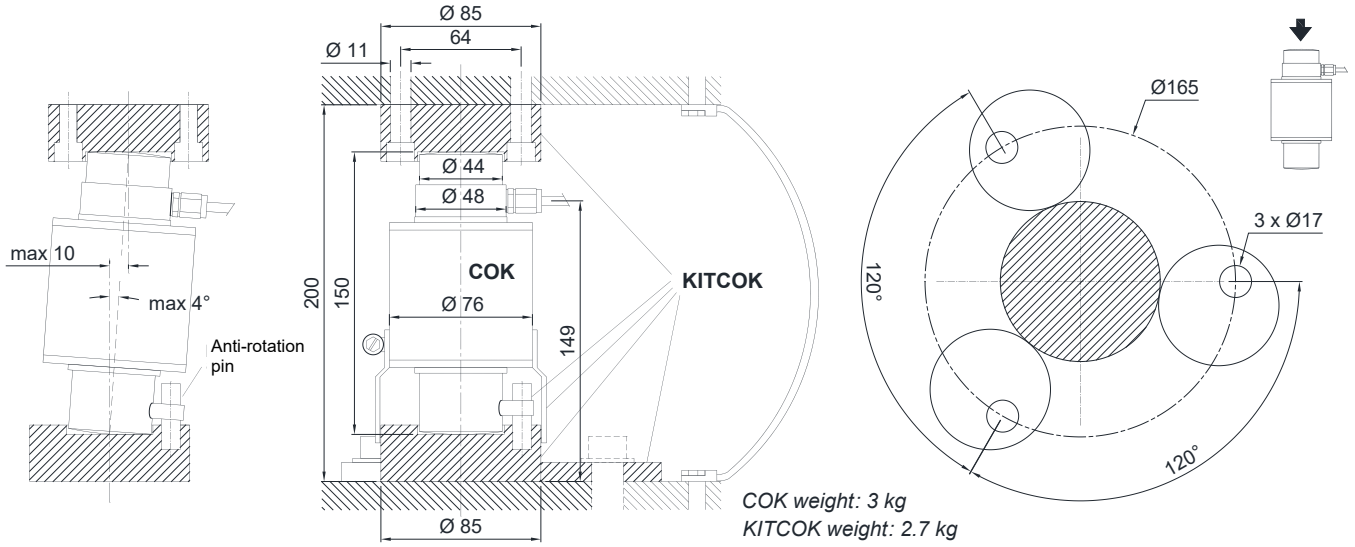
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COMPLEMENTARY ACCESSORIES

	DESCRIPTION	MODEL
	AISI 5140 nickel plated steel accessory composed by anti-rotation system, protective rubber seal, 2 bases (upper and lower) and 3 self-centering cylindrical plates.	KITCOK

DIMENSIONS (mm)



COK weight: 3 kg
KITCOK weight: 2.7 kg

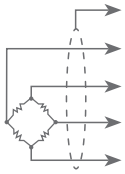
TECHNICAL FEATURES

Material	AISI 4340 nickel plated steel
OIML R60 Accuracy class • Verification intervals	C3 • 3000
Nominal load (E max)	15000 - 25000 - 50000 kg
Minimum verification interval (V min)	E max / 10000
Combined error	≤ ±0.02%
Protection rating	IP68

Rated output	2 mV/V ±0.1%	Input resistance	780 Ω ±20
Temperature effect on zero	0.002% °C	Output resistance	700 Ω ±10
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 / +70°C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	250%
Max supply voltage without damage	15 V	Deflection at nominal load	0.6 - 1 mm

ELECTRICAL CONNECTIONS

Cable length	20 m
Cable diameter	6 mm
Cores	6 x 0.22 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION + REF./SENSE	RED BLUE
- SIGNAL	WHITE
- EXCITATION - REF./SENSE	BLACK YELLOW

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

Rev. 0.0

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ISO 9001
ISO 14001

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