COL
COLUMN LOAD CELLS

LAUMAS®

Capacity 30000 kg



MOUNTING KIT



VCOKDTL

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

CAPACITY	kg	ACCURACY CLASS C4		NET WEIGHT (kg)
	30000	•	•	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)*
	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

COMPLEMENTARY ACCESSORIES

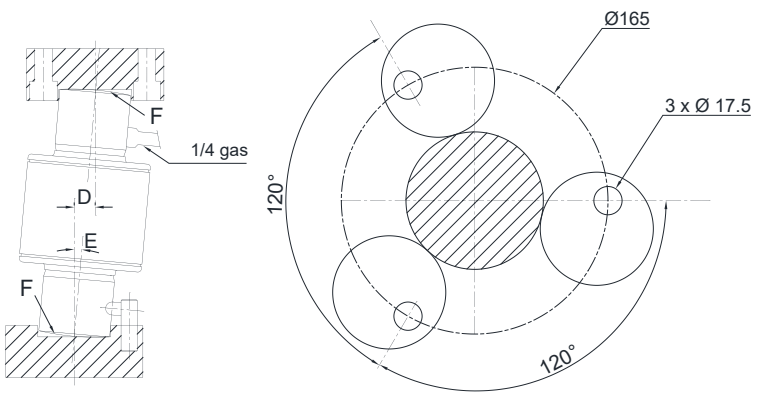
	DESCRIPTION	MODEL
	Hardened AISI 420 stainless steel accessory composed by anti-rotation system, protective rubber seal, 2 bases (upper and lower) and 3 self-centering cylindrical plates.	KITCOL

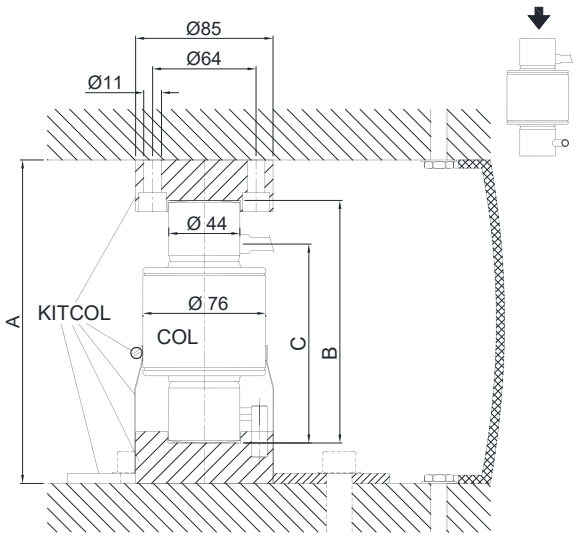
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ISO 9001
ISO 14001

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DIMENSIONS (mm)





A	B	C	D max.	E *(max. angle)*	F *(curvature radius)*	*weight*
200	150	123	13	5°	160°	2.4 kg

KITCOL weight = 3 kg

TECHNICAL FEATURES

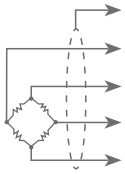
Material	17-4 PH stainless steel
OIML R60 Accuracy class • Verification intervals	C4 • 4000
Nominal load (E max)	30000 kg
Minimum verification interval (V min)	E max / 10000
Combined error	≤ ±0.017%
Protection rating	IP68

Rated output	2 mV/V ±0.1% *	Input resistance	800 Ω ±30
Temperature effect on zero	0.002% °C	Output resistance	700 Ω ±10
Temperature effect on span	0.0012% °C	Zero balance	±2%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	≥5000 MΩ
Operating temperature range	-30 °C / +70°C	Safe overload (% of full scale)	120%
Creep at nominal load in 30 minutes	0.016%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	15 V	Deflection at nominal load	0.6 - 1 mm

* Calibrated current output

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.

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