





COL

Column load cells

FEATURES

- Capacity 30000 kg
- 17-4 ph Stainless Steel
- Combined error ≤ ±0.017%
- **Ip68 Protection rating**





















ACCURACY CLASS C4





NET WEIGHT (kg)

2.4

30000

ON REQUEST

CERTIFICATIONS



OIML R60 C4



Complies with the Eurasian Customs Union regulations



Equivalent of the CE marking for the United Kingdom



Complies with United Kingdom regulations for legal for trade use

CERTIFICATIONS ON REQUEST

Calibration report



ATEX II 1G 2D (zone 0-1-2-21-22) (€ - UK)



IECEx (zone 0-1-2-20-21-22)



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

CODE



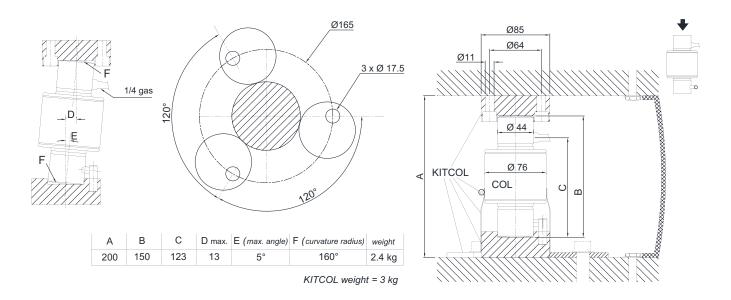
Hardened AISI 420 stainless steel accessory composed by anti-rotation system, protective rubber seal, 2 bases (upper and lower) and 3 self-centering cylindrical plates.

KITCOL





DIMENSIONS (mm)



TECHNICAL FEATURES

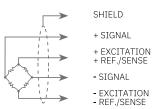
Material	17-4 PH stainless steel
OIML R60 Accuracy class • Verification intervals	C4 • 4000
Nominal load (E max)	30000 kg
Minimum verification interval (V min)	E max / 10000
Combined error	≤ ±0.017%
Protection rating	IP68

Rated output	2 mV/V ±0.1% *	Input resistance	800Ω±30
Temperature effect on zero	0.002% ℃	Output resistance	700 Ω ±10
Temperature effect on span	0.0012% ℃	Zero balance	± 2%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	≥ 5000 MΩ
Operating temperature range	-30 ℃ / + 70℃	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 mm ²



ILD
GNAL GREEN
CITATION RED
E-/SENSE BLUE
NAL WHITE
CITATION BLACK
E-/SENSE YELLOW

Page 2 / 2

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.