



Capacity from 30000 kg to 60000 kg



MOUNTING KITS



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR  $\leq \pm 0.017\%$
- PROTECTION CLASS IP68

CAPACITY	kg	ACCURACY CLASS C4						NET WEIGHT OF LOAD CELL (kg)	CODE
30000		•	•	•	•	•	•	2.5	COL30000
60000		•	•	•	•	•	•	3.5	COL60000

ON REQUEST

### CERTIFICATIONS

OIML R60 C4

CERTIFICATIONS ON REQUEST

ATEX II 1GD (zone 0-1-2-20-21-22)

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

Complies with the Eurasian Custom Union standards

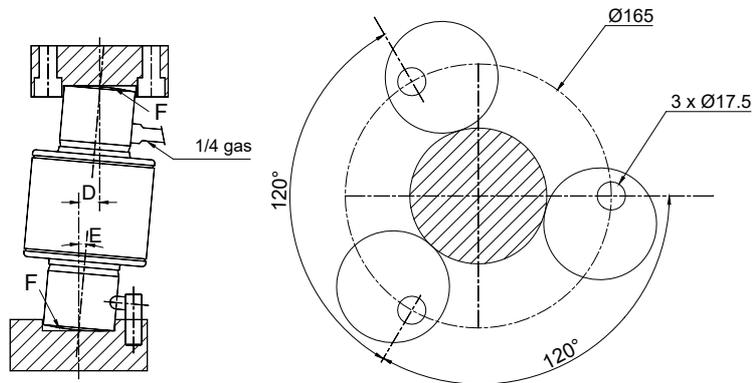
Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres

In compliance with the regulations of the Russian Federation for legal use with third parties

### COMPLEMENTARY ACCESSORIES

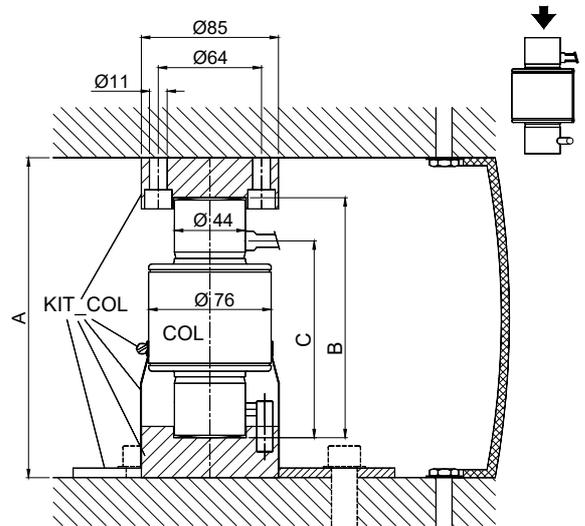
	DESCRIPTION	CODE
	AISI 420 hardened stainless steel mounting kit composed by anti-rotation system, protective rubber seal, 2 bases (upper and lower) and 3 self-centering cylindrical plates.	KIT_COL

### DIMENSIONS (mm)



	A	B	C	D max.	E (max. angle)	F (curvature radius)	weight
COL 30000	200	150	123	13	5°	160°	2.3 kg
COL 60000	260	210	153	11	3°	220°	3.7 kg

KIT\_COL weight = 3 kg



### TECHNICAL FEATURES

Material	17-4 PH stainless steel		
OIML R60 Accuracy class • Verification intervals	C4 • 4000		
Nominal load (E max)	30000 - 60000 kg		
Minimum verification interval (V min)	E max / 10000		
Combined error	≤ ±0.017%		
Protection class	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 mm <sup>2</sup>

