



N FCAX

Description

- BENDING BEAM: capacity from 30 kg to 500 kg
- SHEAR BEAM: capacity from 750 kg to 1500 kg
- AISI 420 STAINLESS STEEL
- COMBINED ERROR = ±0.02%
- PROTECTION CLASS IP68



Manufactured according to OIML R60 standards

Mounting kits



Technical data

CAPACITY	kg			EAC	NET WEIGHT OF LOAD CELL (kg)	CODE
	30	•	•	•	0.6	FCAX30
	50	•	•	•	0.6	FCAX50
	75	•	•	•	0.6	FCAX75
	150	•	•	•	0.6	FCAX150
	300	•	•	•	0.7	FCAX300
	500	•	•	•	0.7	FCAX500
	750	•	•	•	0.7	FCAX750
	1000	•	•	•	0.7	FCAX1000
	1500	•	•	•	0.7	FCAX1500

ON REQUEST

Certifications

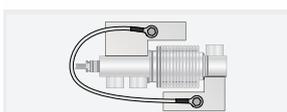
CERTIFICATIONS ON REQUEST

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

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

Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

Complementary accessories



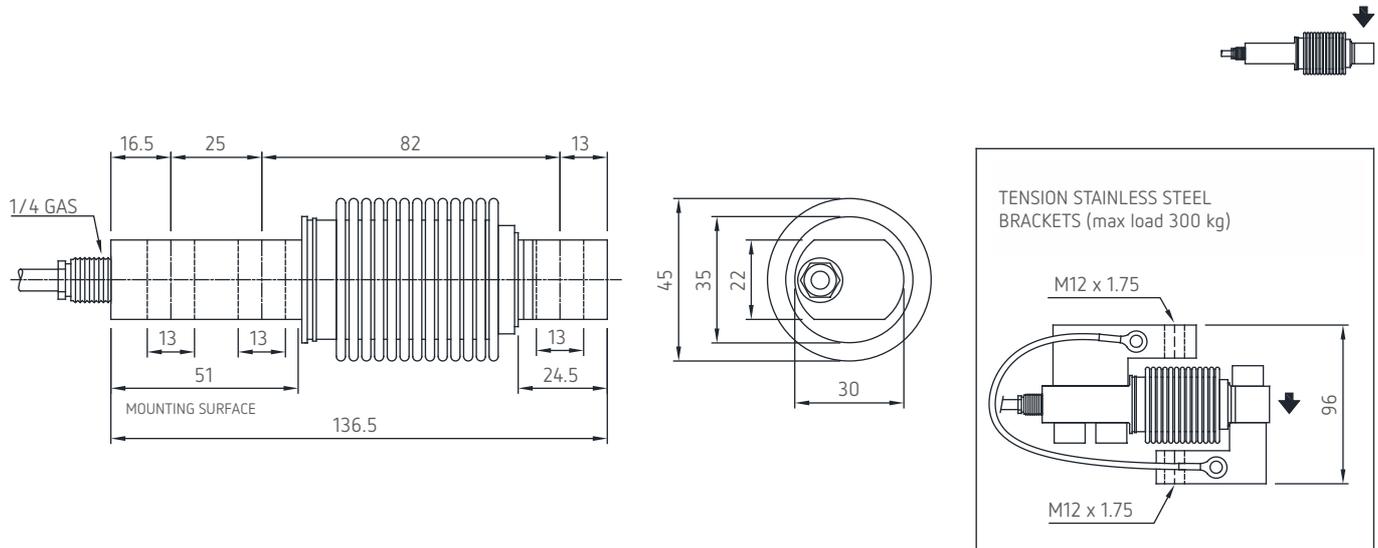
DESCRIPTION

Pair of tension stainless steel brackets.
Maximum static load: 300 kg

CODE

STAFFEFCA

DIMENSIONS (mm)



Technical features

Material	AISI 420 stainless steel		
Nominal load (E max)	30 - 50 - 75 - 150 - 300 - 500 - 750 - 1000 - 1500 kg		
Combined error	≤±0.02%		
Protection class	IP68		
Rated output	2 mV/V ±0.4%	Input resistance	350 Ω ±5 *
Temperature effect on zero	0.002% °C	Output resistance	350 Ω ±5
Temperature effect on span	0.002% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +50 °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	15 V	Deflection at nominal load	0.4 mm

* Input resistance for 30, 50, 75, 150, 300 kg capacities: 400 Ω ±20

Electrical connections

Cable length	5 m
Cable diameter	5 mm
Cores	4/6 x 0.22 mm ²

