



## N SA S-beam Loadcell


### Description

- Capacity from 15 kg to 60 kg
- Special steel
- Combined error =  $\pm 0.02\%$
- Protection class IP65



### Technical data

CAPACITY	kg	ACCURACY CLASS C3	IECEx Ex	EAC	NET WEIGHT OF LOAD CELL (kg)	CODE
15		•	•	•	0.28	SA15
30		•	•	•	0.28	SA30
60		•	•	•	0.28	SA60

  
 ON REQUEST

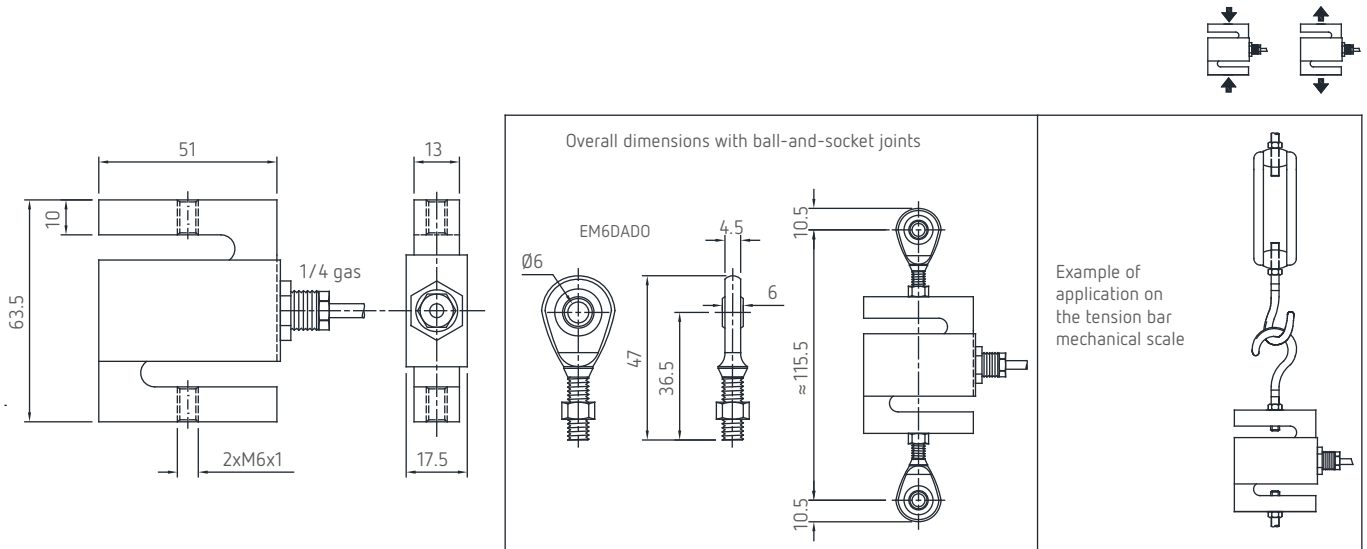
### Certifications

-  OIML R60 C3  
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	Dimensions:	Load cell capacity:	CODE
 <p>Special steel ball-and-socket joint with nut.</p>	M6x1	15÷60 kg	EM6DADO

**DIMENSIONS (mm)**



**Technical features**

Material	Special steel		
OIML R60 Accuracy class · Verification intervals	C3 · 3000		
Nominal load (E max)	15 - 30 - 60 kg		
Minimum verification interval (V min)	E max / 8000		
Combined error	≤±0.02%		
Protection class	IP65		
Rated output	2 mV/V ±10%	Input resistance	381 Ω ±10
Temperature effect on zero	0.0017% °C	Output resistance	350 Ω ±10
Temperature effect on span	0.0013% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +60 °C	Safe overload (% of full scale)	120%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.2 mm

**Electrical connections**

Cable length	3 m
Cable diameter	4 mm
Cores	4/6 x 0.24 mm <sup>2</sup>

