DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

FXC_C6

"FXC C6" SERIES: BENDING BEAM LOAD CELLS, C6 CLASS

Bending beam load cells for approved weighing, automatic systems, dosage.

CAPACITIES (kg): 20, 50, 100, 200.

OIML R60. C6 precision class.

Stainless steel. **IP68** protection.

The best solution for advanced industrial applications

MAIN FEATURES

- C6 PRECISION CLASS
- STAINLESS STEEL
- IP68 PROTECTION
- MAX. CAPACITIES FROM 20 TO 200 kg
- SHIELDED CONNECTION CABLE
- OIML CERTIFICATE AVAILABLE UPON REQUEST
- TEST CERTIFICATE AVAILABLE UPON REQUEST

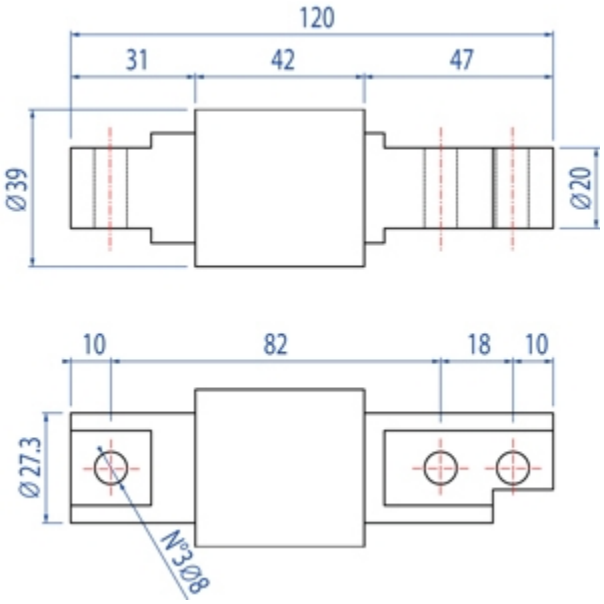
TECHNICAL FEATURES

- Minimum load cell verification interval: Vmin = EMax / 10.000
- Maximum number of verification intervals: nLC= 6000
- Full Scale Output: 2mV/V +/- 0,1%
- Combined error: 0,008% of Full Scale Output (F.S.)
- Temperature effect on zero: +/- 0,0014% /°C
- Temperature effect on full scale output: +/- 0,0007% /°C
- Compensated Temperature Range: –10°C/+40°C
- Operating Temperature Range: –20°C/+60°C
- Creep error after 30 minutes +/- 0,012% F.S.
- Maximum tolerated excitation voltage: 15 VDC
- Input Resistance: 385 ± 20 Ohm
- Output Resistance: 350 ± 5 Ohm
- Insulation Resistance: > 5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: 200% F.S.
- 4-wire shielded cable, 3m long.

ATEX VERSION

- The CCATEX certificate makes the load cell suitable for use in hazardous areas with protection methods according to:
  ATEX II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) Ga
  ATEX II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) Da IP65.
  The certificate includes the manual and the ATEX CE conformity declaration (available in EN, DE, FR, and IT).
- IMPORTANT: the certificate refers to the single load cell. For systems with more load cells, it is necessary to order one certificate for each load cell.

DETAIL 1



Dimensions (mm)

Wiring Code	
Colour	*Function*
--	SHIELD
BLACK	INPUT +
YELLOW	OUTPUT +
WHITE	OUTPUT -
GREEN	INPUT -

VERSIONS

Available versions

Codice	Max (kg)
FXC20C6	20
FXC50C6	50
FXC100C6	100
FXC200C6	200

www.diniargeo.com

"YOUR WORLDWIDE PARTNER FOR WEIGHING"

DINI ARGEO FRANCE sarl	DINI ARGEO GMBH	DINI ARGEO UK Ltd	DINI ARGEO WEIGHING INSTRUMENTS Ltd	DINI ARGEO OCEANIA
France	Germany	United Kingdom	China	Australia

DINI ARGEO
A RICE LAKE WEIGHING SYSTEMS COMPANY

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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.