

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.

Working in cooperation with:

VETEK AB

HANTVERKSVÄGEN 15 - 76493 - VÄDDÖ - SWEDEN
Tel. +46176-208920, info@vetek.com, www.vetek.com

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

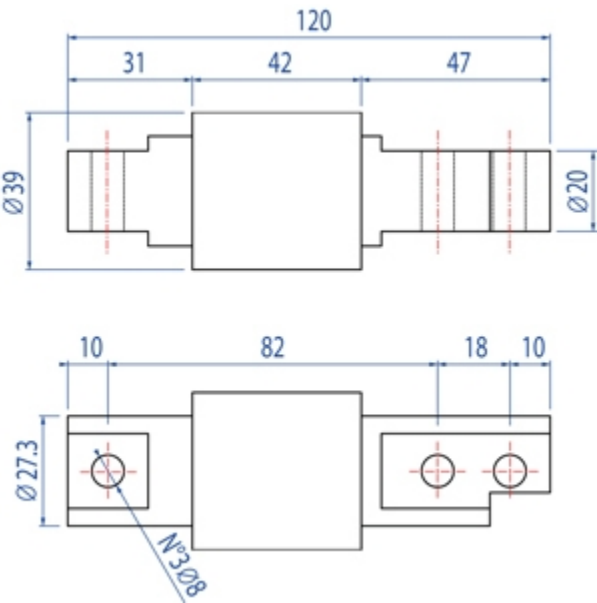
TECHNICAL FEATURES

- Minimum load cell verification interval: $V_{min} = E_{Max} / 10.000$
- Maximum number of verification intervals: $n_{LC} = 6000$
- Full Scale Output: $2mV/V \pm 0,1\%$
- Combined error: 0,008% of Full Scale Output (F.S.)
- Temperature effect on zero: $\pm 0,0014\% / ^\circ C$
- Temperature effect on full scale output: $\pm 0,0007\% / ^\circ C$
- Compensated Temperature Range: $-10^\circ C / +40^\circ C$
- Operating Temperature Range: $-20^\circ C / +60^\circ C$
- Creep error after 30 minutes $\pm 0,012\%$ F.S.
- Maximum tolerated excitation voltage: 15 VDC
- Input Resistance: $385 \pm 20 \text{ Ohm}$
- Output Resistance: $350 \pm 5 \text{ Ohm}$
- Insulation Resistance: $> 5000 \text{ MOhm}$
- 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 $-20 \div +40^\circ C$) TX (Ta $-20 \div +65^\circ C$) Ga
ATEX II 1D Ex ta IIIC TX $^\circ C$ (Ta $-20 \div +40^\circ C$) TX $^\circ C$ (Ta $-20 \div +65^\circ C$) 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



DINI AR GEO
FRANCE sarl
Nogent-sur-Marne

DINI AR GEO
GMBH
Sinsheim - Germany

DINI AR GEO
UK Ltd
Taunton - United Kingdom

DINI AR GEO WEIGHING
INSTRUMENTS Ltd
Shanghai - China

DINI AR GEO
WEIGHBRIDGES
Calto (RO) - Italy



HEAD OFFICE
Via Della Fisica, 20
41042 Spezzano di Fiorano Modena - Italy



VETEK AB

HANTVERKSVÄGEN 15 - 76493 - VÄDDÖ - SWEDEN

Tel. +46176-208920, info@vetek.com, www.vetek.com

SALES AND TECHNICAL ASSISTANCE SERVICE