DINI ARGEO
Scales - Weighing systems

RSBT

RSBT DOUBLE SHEAR BEAM LOAD CELLS



Double shear beam load cells particularly suitable for weighing weighbridges, dosage systems, tanks, silos, etc., complete with support and oscillating spherical joint. CE-M approved.

CAPACITIES (kg): 25000, 30000, 40000.

OIML R60. C3 precision class.

Nickel-plated steel. **IP68** protection.

Working in cooperation with:

UAB DESKA

PRAMONES 5 - LT-94102 - KLAIPEDA - LITHUANIA
Tel. 00370-46-381089 Fax. 00370-445-76466
info@deska.lt

The best solution for advanced industrial applications

MAIN FEATURES

- C3 PRECISION CLASS;
- EXECUTED IN NICKEL-PLATED STEEL WITH LASER SOLDERINGS;
- HIGH PRECISION AND LINEARITY ALSO WITH NON PERPENDICULAR LOADS;
- OPTIMISED FOR PARALLEL CONNECTION;
- IP68 PROTECTION DEGREE;
- CAPACITY FROM 25000 TO 40000kg;
- SHIELDED TEFLON CONNECTION CABLE;
- TEST CERTIFICATE AVAILABLE UPON REQUEST.

TECHNICAL FEATURES

- Minimum verification interval: Vmin = EMax / 10.000;
- Maximum number of load cell divisions: nLC=3000 (C3);
- Full Scale Output: 2mV/V +/- 0,2%;
- Temperature effect on full scale output: 0,0014%FS/°C;
- Tempeature effect on the zero: +/- 0,0017%FS/°C;
- Compensated temperature range: -10°C/+40°C;
- Operating temperature range: -35°C/+65°C;
- Creep error after 30 minutes: 0,02% F.S;
- Excitation voltage: from 5 to 18 VDC;
- Input Resistance: 750 Ohm;
- Output Resistance: 700 ± 7 Ohm;
- Zero Balance: +/-1,5% F.S.;
- Insulation resistance > 5000 MOhm;
- Safe overload > 150% F.S.;
- Maximum overload 300% F.S.;
- 4-wire shielded cable, 15m long.

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

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.

VERSIONS

Available versions

Codice	Max (kg)
RSBT25C3	25000
RSBT30C3	30000
RSBT40C3	40000

www.diniargeo.com



DINI ARGEO FRANCE sarl
Nogent-sur-Marne

DINI ARGEO GMBH
Sinsheim - Germany

DINI ARGEO UK Ltd
Taunton - United Kingdom

DINI ARGEO WEIGHING INSTRUMENTS Ltd
Shanghai - China

DINI ARGEO WEIGHBRIDGES
Calto (RO) – Italy

DINI ARGEO
Scales - Weighing systems

HEAD OFFICE
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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE

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