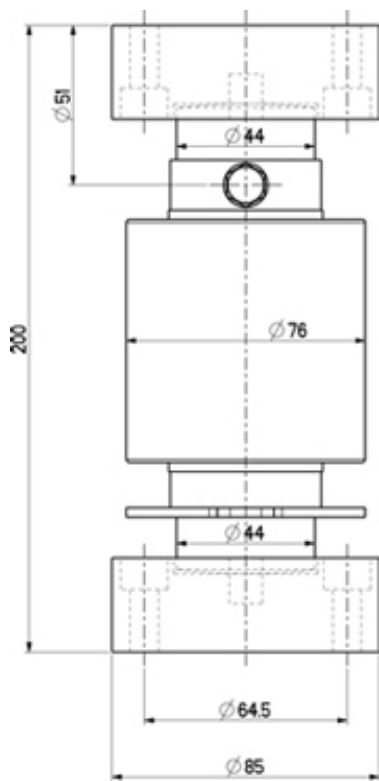


LOAD CELL SERIES RCP



RCP: steel load cell, for high capacity weighing systems.



RCP: dimensions in mm.

Compression load cell for CE-M approved weigh bridges, tanks, silos, etc. Complete execution in steel, and fitted with selfaligned articulated joints, selfcentering plates and protection washer.

MAIN FEATURES

- C3 PRECISION CLASSES.
- STAINLESS STEEL with SPECIAL ALLOY STEEL BODY; EXECUTION WITH LASER SOLDERINGS.
- OPTIMISED FOR PARALLEL CONNECTION.
- IP68 PROTECTION DEGREE.
- CAPACITY FROM 30000 TO 50000 kg.
- FITTED WITH SELFALIGNED ARTICULATED JOINTS, SELFCENTERING PLATES AND PROTECTION WASHER.
- SHIELDED 14m CONNECTION CABLE.
- TEST CERTIFICATE AVAILABLE UPON REQUEST.

TECHNICAL FEATURES

- Minimum load cell verification interval: $V_{min} = E_{Max} / 10.000$
- Maximum number of load cell divisions: $n_{LC} = 3000$ (C3)
- Sensitivity: $2mV/V \pm 0,1\%$
- Temperature effect on full scale: $0,002\% / ^\circ C$
- Temperature effect on zero: $0,002\% / ^\circ C$
- Compensated Temperature Range: $-10^\circ C / +40^\circ C$
- Operating Temperature Range: $-30^\circ C / +70^\circ C$
- Creep error after 30 minutes: $0,02\%$ F.S.
- Excitation voltage from 5 to 15 VDC
- Input Resistance: 700 ± 20 Ohm
- Output Resistance: 703 ± 7 Ohm
- Zero Balance: $\pm 1\%$ F.S.
- Insulation Resistance: >5000 MOhm
- Safe Overload: $>150\%$ F.S.
- Ultimate Overload: 250% F.S.
- 4-wire shielded cable, 14m long, 5mm diameter.

WIRING TABLE

- Decoding of the colours of the standard cable.

Coluor	Function
GREEN	OUTPUT +
WHITE	OUTPUT -
RED	INPUT +
BLACK	INPUT -

AVAILABLE VERSIONS

Code	Max (kg)	Masterpack 4 pcs
RCP30C3	30000	RCP30C3C
RCP50C3	50000	RCP50C3C

RCP is fitted with protection washer and selfcentering plates:

	
RCP con with washer protecting against water, mud and dust.	RCP with protective washer and fitted with selfcentering plates.