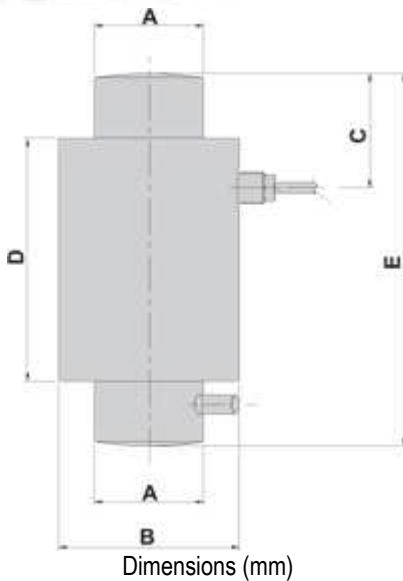
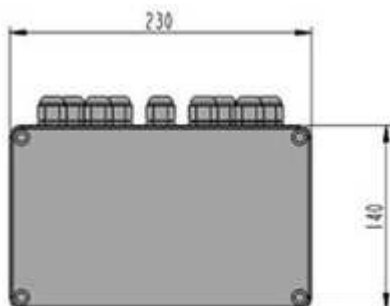


WBK SERIES CELL KITS FOR ASSEMBLING WEIGH BRIDGES



RCK Wiring Code	
Colour	Function
GREEN	OUTPUT +
PURPLE	SENSE +
RED	INPUT +
WHITE	OUTPUT -
BLACK	INPUT -
GREY	SENSE -



For creating weigh bridges with six / eight load cells of various sizes and capacities, suitable for connection to any type of indicator for load cells.

The kit is made up of six /eight RCK IP68 stainless steel approved load cells, complete with galvanised steel oscillating resting joints and an ABS IP67 junction box with 7/9 cable glands and an equalisation board complete of surge-arresters for protecting the cells from lightning.

MAIN FEATURES

- C4 (4500 divisions) PRECISION CLASSES
- MADE IN 17-4 PH LASER WELDED STAINLESS STEEL
- INTERNAL SILICON SEALING AGAINST CONDENSATION AND SUDDEN TEMPERATURE CHANGES
- RESTORABLE INTERNAL SURGE ARRESTERS FOR PROTECTION FROM ELECTRIC DISCHARGES AND LIGHTNING
- IP68 PROTECTION DEGREE
- MAX. CAPACITIES FROM 20000 kg TO 30000 kg (for each load cell)
- SHIELDED CONNECTION CABLE WITH ADAPTOR FOR MOUNTING PROTECTION SHEATH
- ARTICULATED JOINTS IN SPECIAL GALVANISED STEEL
- IP67 JUNCTION BOX WITH EQUALISATION OF THE CORNERS AND SURGE ARRESTERS AGAINST ELECTRIC DISCHARGES AND LIGHTNING
- TEST CERTIFICATE AVAILABLE UPON REQUEST

LOAD CELL TECHNICAL FEATURES

- Minimum load cell verification interval:
 $V_{min} = E_{Max} / 10000$
- Maximum number of verification intervals: $n_{LC} = 4500$ (C4)
- Full Scale Output: $2mV/V \pm 0,1\%$
- Temperature effect on zero: $\pm 0,00097\% / ^\circ C$
- Temperature effect on full scale output: $0,00116\% / ^\circ C$
- Compensated Temperature Range: $-10^\circ C / +40^\circ C$
- Operating Temperature Range: $-30^\circ C / +85^\circ C$
- Creep error after 4 hours: $0,02\%$ F.S.
- Excitation voltage from 5 to 15 VDC
- Input Resistance: 700 ± 7 Ohm
- Output Resistance: 700 ± 7 Ohm
- Zero Balance: $\pm 1\%$ F.S.
- Insulation Resistance: > 5000 MOhm
- Safe Overload: 150% F.S.
- Ultimate Overload: $> 300\%$ F.S.
- 4-wire shielded cable, 15m long, 5 mm diameter

Available versions

Code	Total contents
WBK620C4	6 RCK 20T Load Cells + 12 cups + 1 J.Box
WBK820C4	8 RCK 20T Load Cells + 16 cups + 1 J.Box
WBK630C4	6 RCK 30T Load Cells + 12 cups + 1 J.Box
WBK830C4	8 RCK 30T Load Cells + 16 cups + 1 J.Box