



# RRI-T100-ATEX

## ATEX/IECEX WIRELESS LOAD CELL

**RED ROOSTER**  
**LIFTING**

RAISING EXPECTATIONS

The **RRI-T100-ATEX** is a 100 tonne ATEX load cell from Red Rooster Lifting's Wireless range. The cells range in capacity from 5 to 500 tonne.

The RRI-T-ATEX load cells are manufactured from a high strength low weight Duralloy with a factor of safety of 7:1 on the smaller cells and 5:1 on the larger cells with all being proof loaded to 150% of the rated capacity.

Our Wireless Load Cells come fully certified for use in hazardous areas, are environmentally sealed, come with advanced technology and are easy to operate. See the product data sheet for a full specification.

The handset is easily operated with one hand with a tactile switch membrane and is sealed to IP67. The easily accessible battery compartments in the hand set and the load link allows the Energiser L91 Lithium 'AA' batteries to be easily changed in a safe area.



### STANDARD FEATURES

- Tare
- Zero & peak hold
- High resolution
- 5 Tonne to 500 Tonne
- Range 500m
- Lightweight high strength aluminium alloy
- Frequency 2.4 GHz
- Robust carry case
- Long battery life with battery level indicator
- Turn off on load cell or remotely from handset
- Replaceable batteries in display and cell
- High factor of safety

### GAS ZONES 1 + 2 DUST ZONES 21 + 22



II 2 GD

**EX IB IIC T4 GB**  
**EX IB IIIC T135°C DB**

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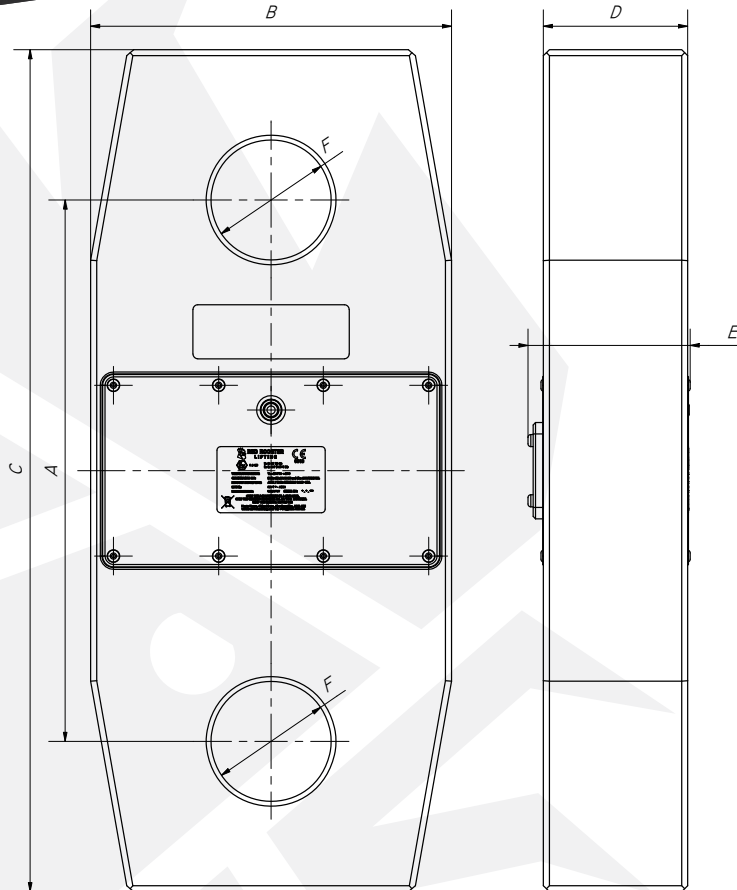
## DIMENSIONS

All measurements are in mm

Information subject to change without notice

\*Based on a B51610 Grade 1 Calibration Machine

\*\*Depending on charge and conditions



DIMENSIONS (MM)		
A	B	C
450	300	700
D	E	FØ
120	135	100

LOAD CELL MODEL	RRI-T100-ATEX
CAPACITY	100 tonne
RESOLUTION	1 kg
ACCURACY	< +/- 0.5% of FSD*
TEMP RANGE	-20 °C to +40°C
IP RATING	IP67
HANDSET DISPLAY	8 digit x 9mm
HANDSET DIMENSIONS	152mm x 90mm x 34mm (270g)
HANDSET BATTERY	Use only 2 x Energizer L91 "AA" Batteries
LOAD CELL BATTERY	Use only 2 x Energizer L91 "AA" Batteries
BATTERY LIFE	Lithium "AA" 12 x 5 min sessions per day: 2 Months** Continuous Use: 54 Hours**
SHACKLE SIZE	120 tonne
CELL WEIGHT	50 kg

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