

## Wireless load shackles

This latest product offering from JCM Load Monitoring has been developed from the experience built up over many years in remote load monitoring and it is ideally suited for harsh environments. The long battery life on standard batteries eliminates the need for chargers, improving reliability and ease of use.



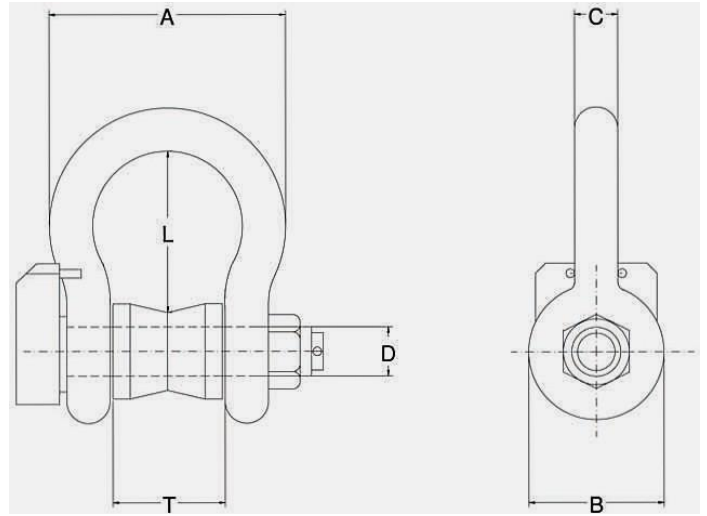
Features of our wireless load shackle are:

- Robust anti-rotation
- Load bobbin
- Internal antenna
- Industry leading battery life
- Industry leading wireless range
- No cables
- Excellent accuracy/repeatability
- Capacities 6.5 to 1000 Tonne
- Traceable calibration



# Wireless load shackles

Capacity (Te)	A	B	C	D	L	T
6.5	102	52	22	25	84	36
12	147	72	32	35	119	51
25	216	103	45	50	146	74
35	238	111	50	57	187	83
55	310	145	65	70	267	105
85	340	162	75	83	260	127
120	428	208	95	95	350	147
150	485	238	105	108	370	169
200	530	279	120	130	470	179
250	565	299	130	140	508	205
300	585	325	140	150	570	205
500	710	298	180	185	636	256
700	810	435	205	217	600	310



Standard load ranges	6.5, 12.5, 25, 50, 85, 120, 200, 300, 400, 500 Tonne
Full load output	1.5 nominal mV/V
Excitation voltage (recommended) dc or ac	10 V
Excitation voltage (maximum) dc or ac	15 V
Safe service load	150 %
Proof load	200 %
Non linearity	<1.0 %
Repeatability	<0.25 %
Output at zero load	<+/-2.0 %
Input resistance	390+/-20 Ohms
Output resistance	350+/-5 Ohms
Operational temperature range	-20 to +80 deg C
Compensated temperature range	-10 to +50 deg C
Temperature coefficient of zero	+/-0.010 %/deg C
Temperature of coefficient of span	+/-0.010 %/deg C
Environmental protection	IP67
Insulation	>2 at 100 V dc G Ohms
All percentages related to full rated load	
Any critical dimension to be confirmed before ordering	

## ALRS2 Electronics

The ALRS2 electronics are ideally suited for load shackles, featuring 10-point linearization, the ALRS2 electronics make load shackles more accurate than ever before.

Also featuring a constant peak and actual load continually displayed.

5 units of measurement, Te, Kgs, lbs, US Tons, kN, an internal antenna and fast update speed make this handset the ideal partner for our world beating load monitoring shackles.

