

# Kelba Shearbeam Loadcell Model: KA-125S

## General Specifications

Rated Capacity: 125kg  
 Safe Load Limit: 187.5kg (static)

Construction: Stainless Steel  
 Protection: NA  
 Cell Weight: 0.4kg

## Electrical

Excitation Voltage: 5 - 15 V.D.C.  
 Output at rated: 2.2mv/V +/- 0.5% capacity

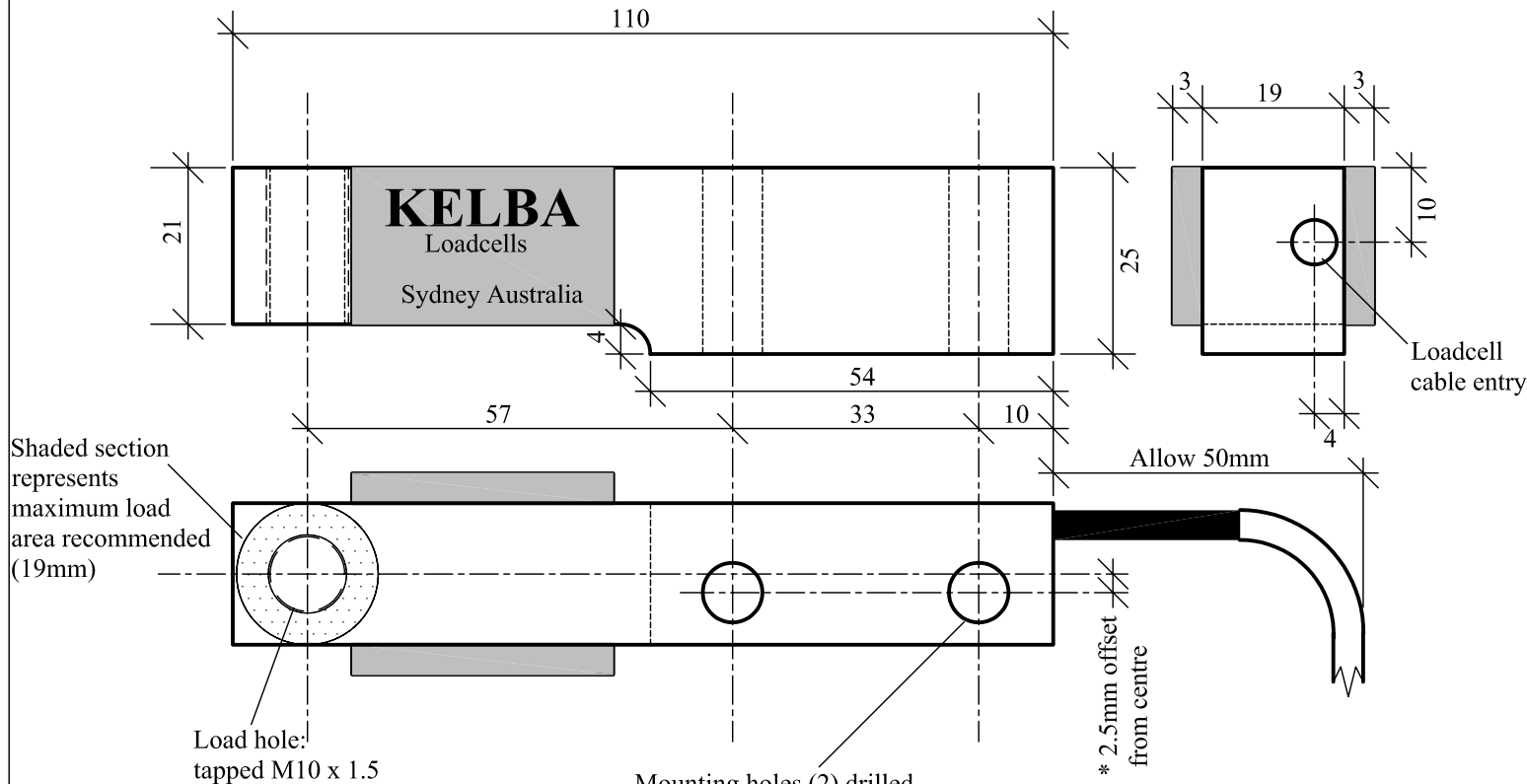
Cable length: 6000mm (std)  
 Input impedance: 380 ohm +/- 6% (black to red)  
 Output impedance: 350ohm +/- 0.2% (green to white)

Environmental Rating: IP67

\* NOTE: Classified by Londonderry Occupational Safety Centre as a "Simple Device" and therefore suitable for hazardous and explosive dust environments subject to installation in compliance with the relevant Australian Standards.

## Wiring colour code

Excitation +	Red
Excitation -	Black
Signal +	Green
Signal -	White
Shield	Bare



Shaded section represents maximum load area recommended (19mm)

Load hole: tapped M10 x 1.5

Mounting holes (2) drilled M8 clearance - bolts to be 8.8 grade (min) hi-tensile socket head cap screw or hex. head bolt.  
 Bolt length: Sufficient to ensure a min. of 1.25 x bolt diameter into mounting base plate

\* NOTE: mounting hole centre line is offset 2.5mm from loadcell centre line

\* 2.5mm offset from centre

## Mounting Accessories

- Rubber Mount - see drg K-043-1
- Load button - see drg KLBM 10

Bolt Torque: 22 Nm  
 16.2 ft lb  
 (M8 x 1.25 CLASS 8.8 Grade to AS1110)

