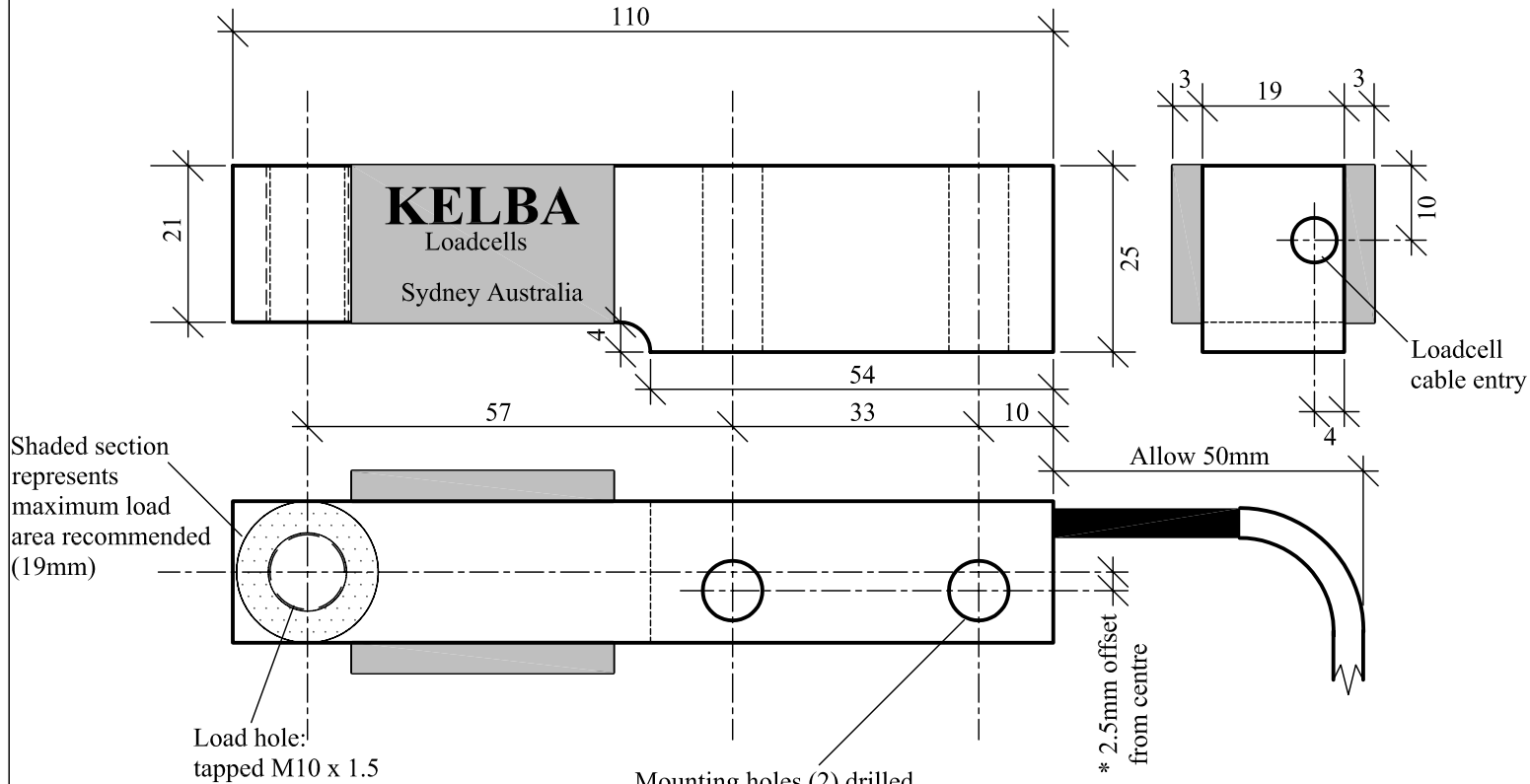


Kelba Shearbeam Loadcell Model: KA-125S



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

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

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

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

Kelba (Australia) Pty Ltd					
Reference		KA-125-S SHEARBEAM LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA125-S-1	Rev	2
Scale	NTS			Date	14-11-06