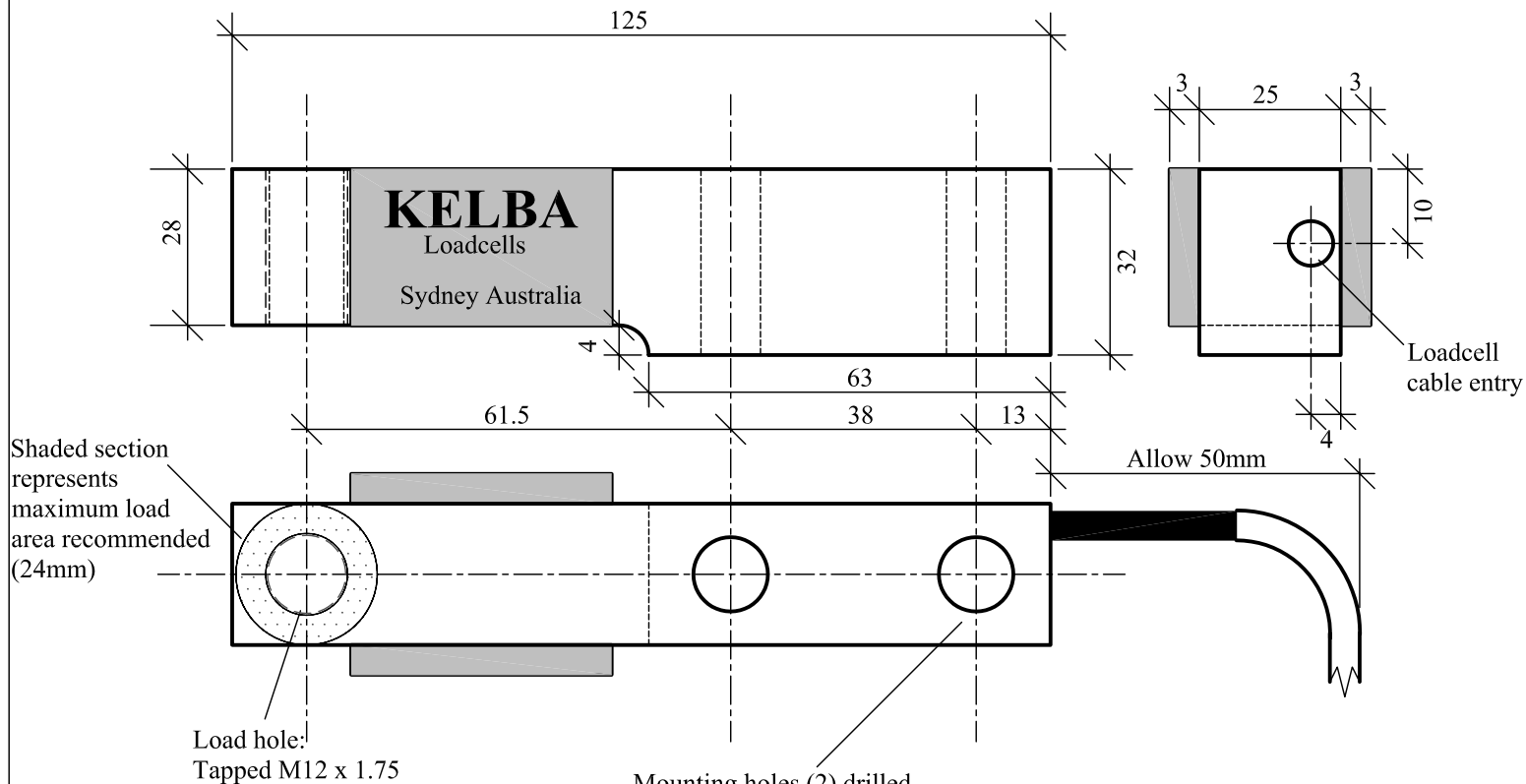


Kelba Shearbeam Loadcell Model: KA-500Z



Shaded section represents maximum load area recommended (24mm)

Load hole:
Tapped M12 x 1.75

Mounting holes (2) drilled M10 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: 44 Nm
32.5 ft lb
(M10 x 1.5 CLASS 8.8 Grade to AS1110)

Mounting Accessories

- Rubber Mount - see drg K-042
- Rubber Mount - see drg K-046
- Mounting Kit KMA - 500 - 2000N

General Specifications

Rated Capacity: 500kg
Safe Load Limit: 750kg (static)

Construction: Tool Steel
Protection: Electroplated zinc
Cell Weight: 0.7kg

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

LOADCELL SUPPLIES