

Kelba Shearbeam Loadcell Model: KA-2,500N

General Specifications

Rated Capacity: 2,500kg
 Safe Load Limit: 3,750kg (static)

Construction: Tool Steel
 Protection: Electroless Nickel
 Cell Weight: 2.8kg

Electrical

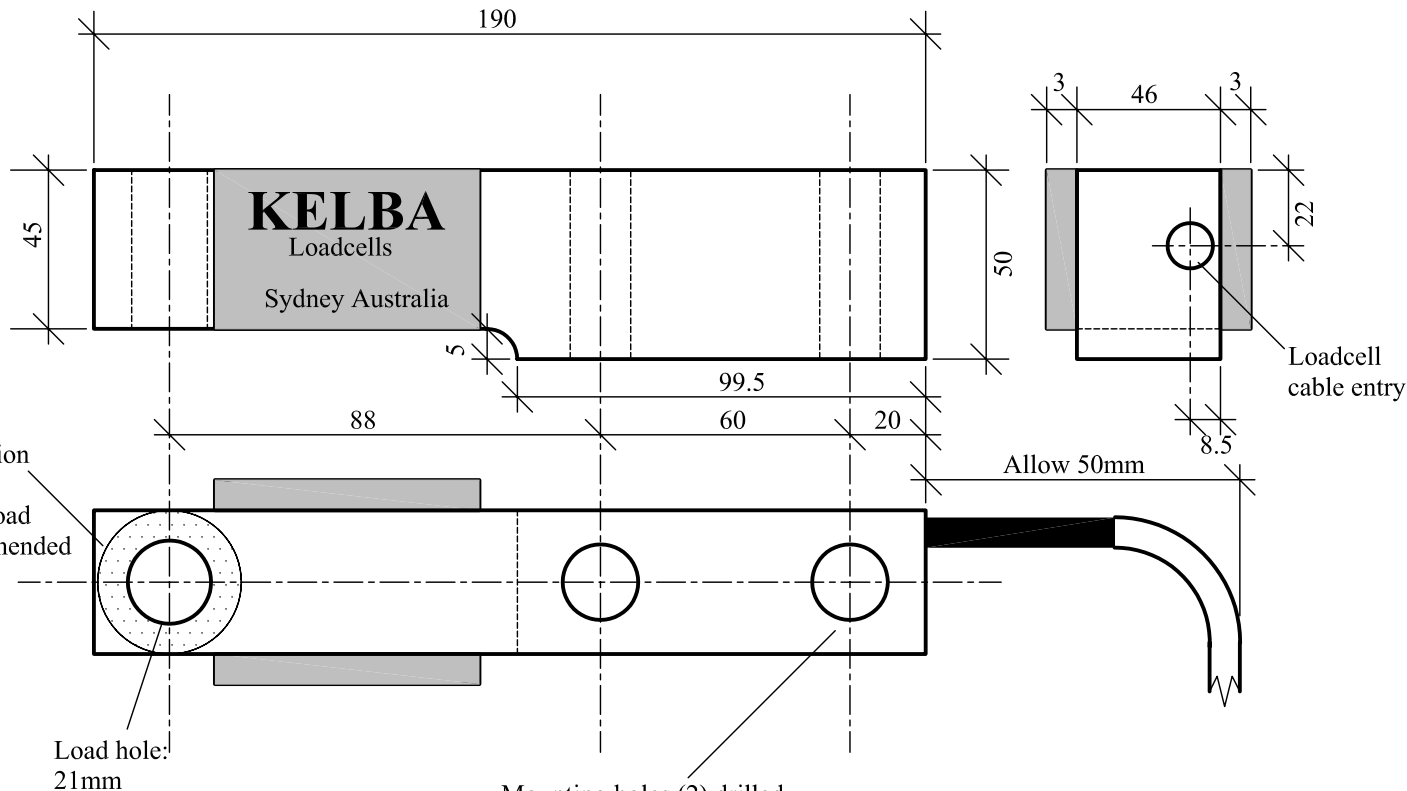
Excitation Voltage: 5 - 15 V.D.C.
 Output at rated: 2.2mv/V +/- 0.5% capacity
 Cable length: 6000mm (std)
 Input impedance: 380 ohm +/- 6% (black to red)
 Output impedance: 350ohm +/- 0.2% (green to white)

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 (46mm)

Load hole: 21mm

Mounting holes (2) drilled 21mm - 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: 380 Nm
 280 ft lb
 (M20 x 1.5 CLASS 8.8 Grade to AS1110)

Mounting Accessories

- Rubber Mount - see drg K-041
- Adaptor Bracket For K-041 see drg
- Mounting Kit KMA - 2,500 - 7,500 N
- Load Button see drg KLBM-20

Kelba (Australia) Pty Ltd

Reference		KA-2,500-N SHEARBEAM LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA-2,500-N-1	Rev	2
Scale	NTS			Date	14-11-06