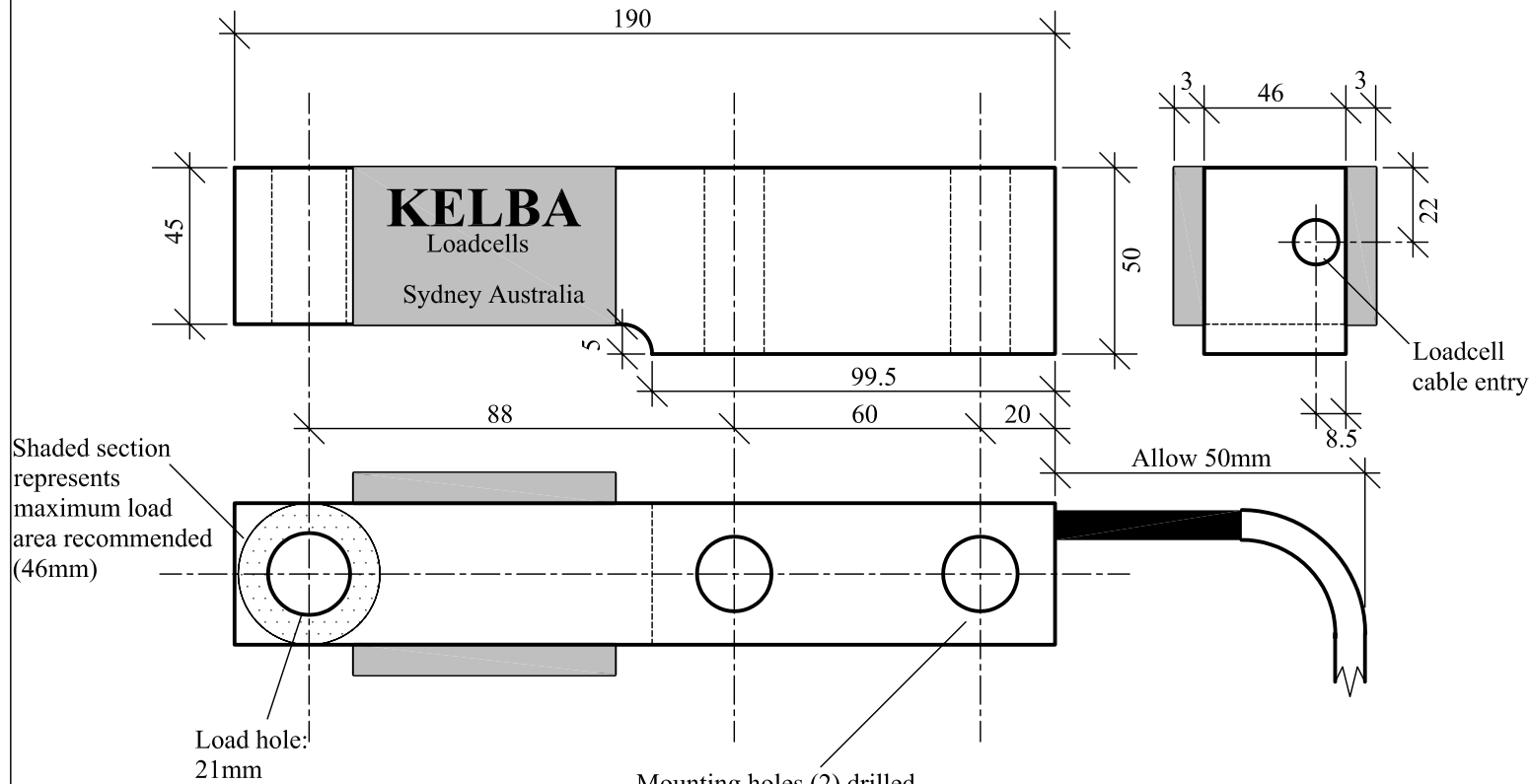


# Kelba Shearbeam Loadcell Model: KA-2,500S



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 S
- Load Button see drg KLBM-20

## General Specifications

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

Construction: Stainless Steel  
Protection: NA  
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: IP67 Rating

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