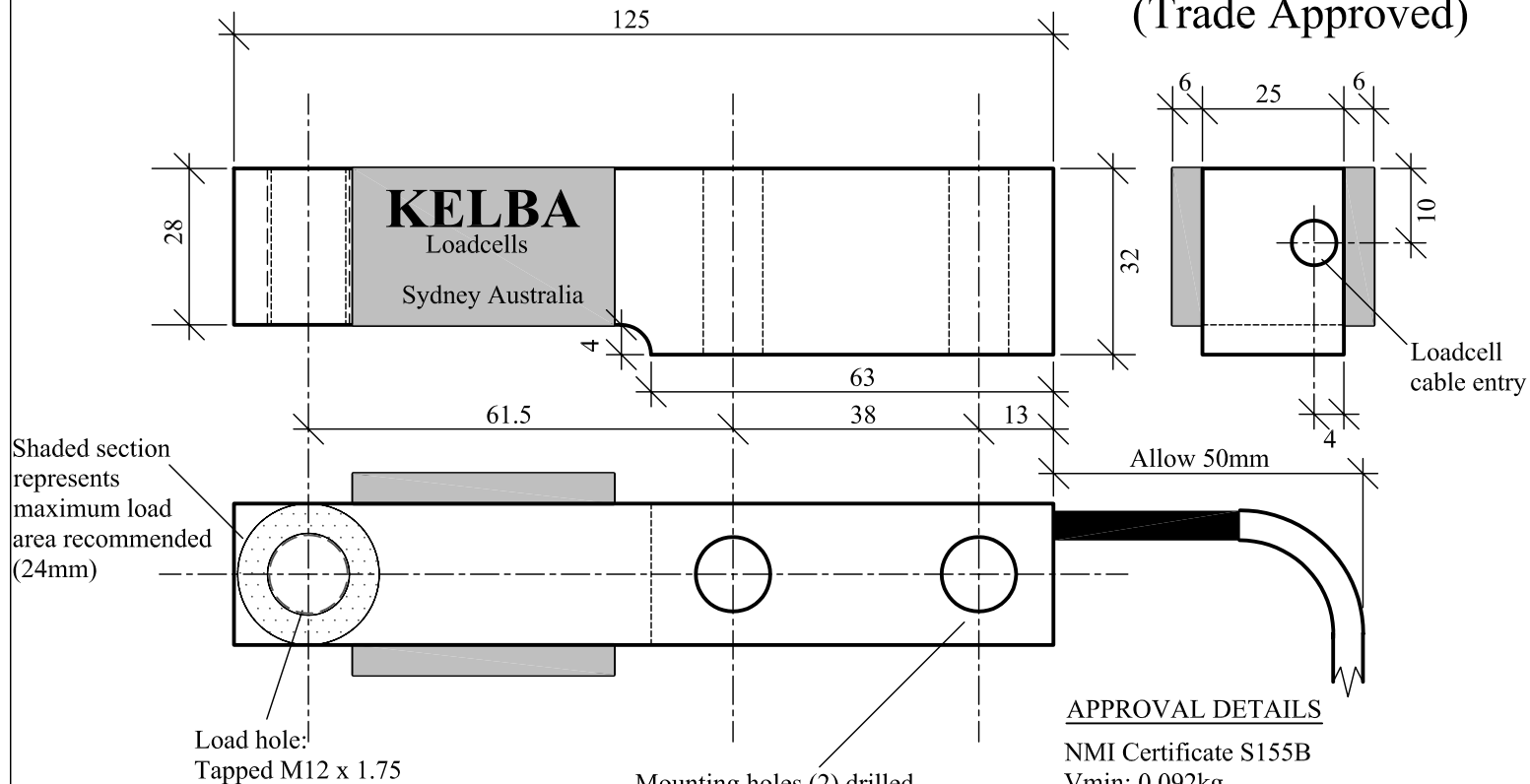


# Kelba Shearbeam Loadcell Model: KA-1000Z-C3

(Trade Approved)



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 Gradeto AS1110)

### APPROVAL DETAILS

NMI Certificate S155B  
Vmin: 0.092kg  
DR: = 0.070kg  
n max: 3000d  
\* Refer to drg. C3-1-22A Rev for approved loading methods.

### General Specifications

Rated Capacity: 1,000kg (E max)  
Safe Load Limit: 1,500kg (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 +/- 0.05% 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

### Mounting Accessories

- Rubber Foot - see drg K-042
- Rubber Mount - see drg K-046
- Mounting Kit KMA - 500 - 1000 N

Kelba ( Australia ) Pty Ltd					
Reference		KA-1000-Z-C3 SHEARBEAM LEGAL FOR TRADE LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA-1000-Z-C3-1	Rev	2
Scale	NTS			Date	14-11-06