

Kelba Shearbeam Loadcell Model: KA-5,000Z-C3 (Trade Approved)

General Specifications

Rated Capacity: 5,000kg (E max)
Safe Load Limit: 7,500kg (static)

Construction: Tool Steel
Protection: Electroplated Zinc
Cell Weight: 2.8kg

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)

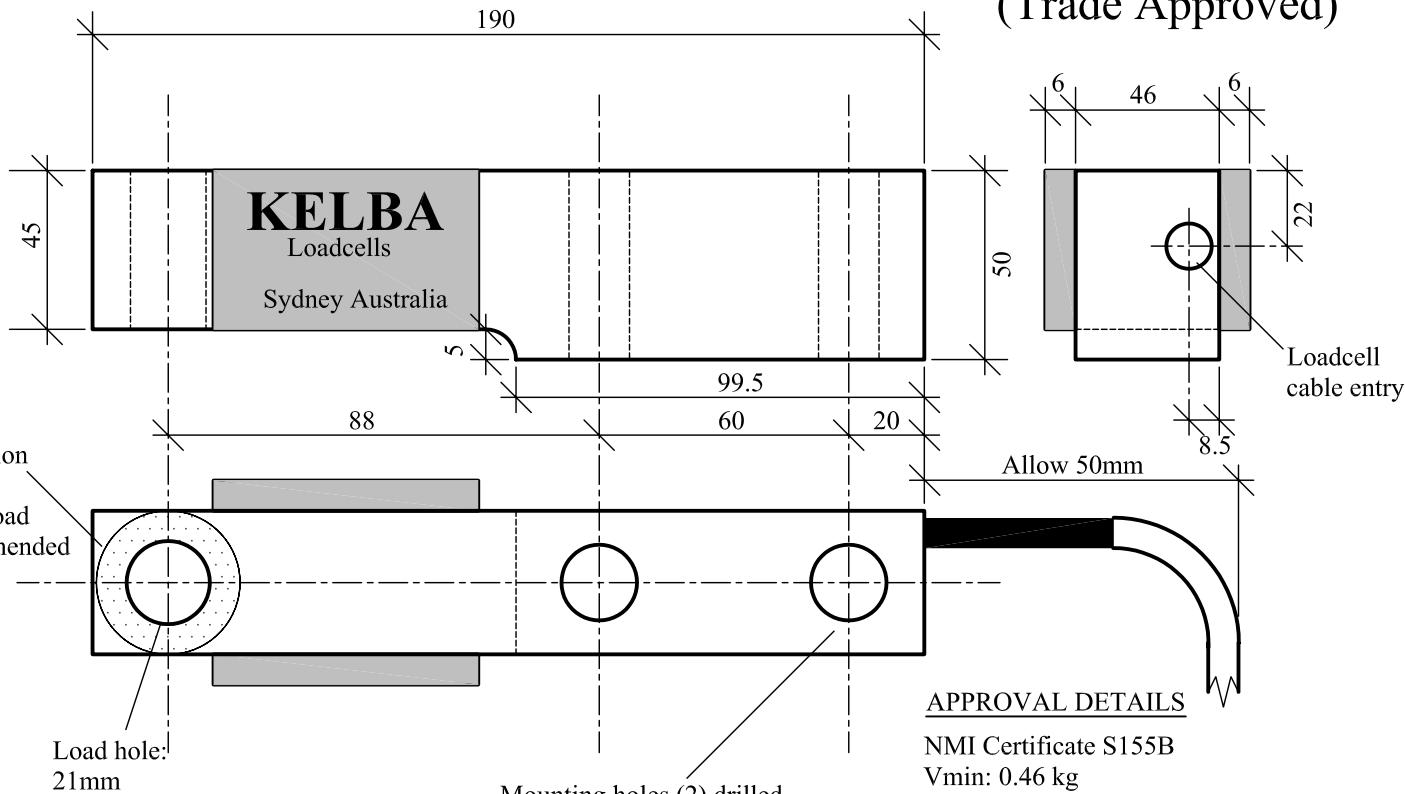
Output impedance: 350ohm +/- 0.2% (green to white)

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



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)

APPROVAL DETAILS

NMI Certificate S155B
Vmin: 0.46 kg
DR: = 0.35 kg
n_{max}: 3000 d

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-5,000-Z-C3 SHEARBEAM LEGAL FOR TRADE LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA-5,000-Z-C3-1	Rev	2
Scale	NTS			Date	14-11-06