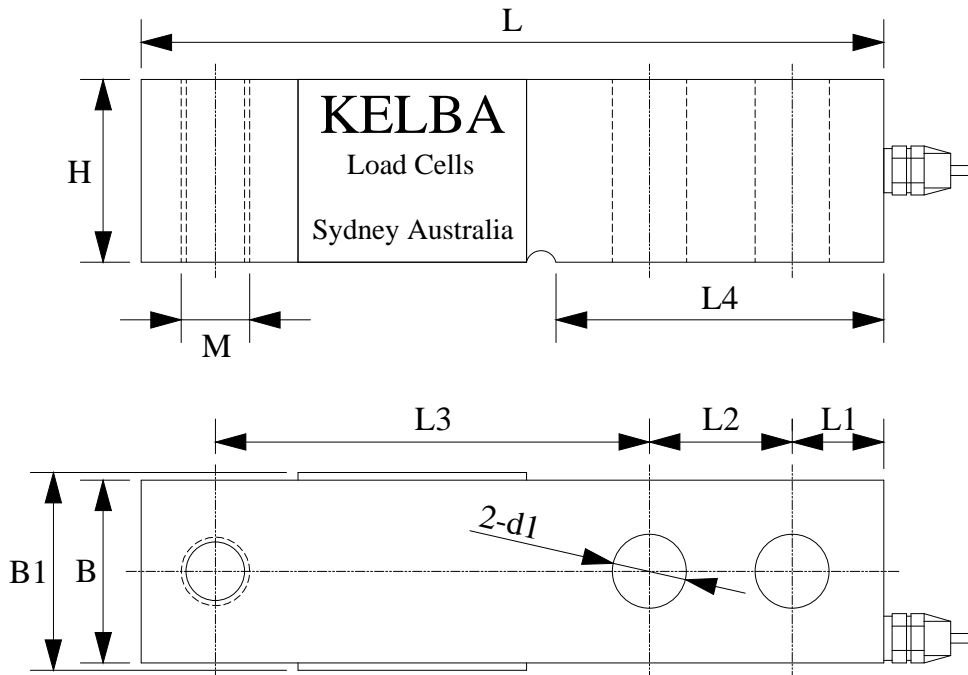


# Kelba Shear Beam Load Cell (500KG - 10T) KH8C-C3

( NMI Approved )



## STANDARD CAPACITIES

500 , 1000 , 1500 , 2000 ,  
2500 , 3000 , 5000, 10000 kg

## ( OMIL R60 C3 )

Approval details  
NMI Certificate S471  
Refer to S417 certificate  
for "V" min details

## SPECIFICATIONS

Accuracy class	0.03 OMIL R60 C3
Rated Output ( mV/V )	3.00 ± 0.25%
Combined error	0.02 % F.S
Non-linearity	0.02 % F.S
Non-repeatability	0.01 % F.S
Creep in 30 minutes	0.02 % F.S
Input resistance	350 ± 3.5 Ω
Output resistance	350 ± 3.5 Ω
Insulation resistance	> 5000M Ω (50 V DC )
Zero balance	1.00 % F.S
Temperature effect span	0.014 ( % F.S/10°C )
Temperature effect zero	0.018 ( % F.S/10°C )
Compensated temperature range	- 10°C ~ 40 °C
Operating temperature range	- 35°C ~ 65 °C
Excitation voltage	5 - 12 V/DC
Maximum excitation voltage	18 V/DC
Safe overload	150 % F.S
Ultimate overload	300 % F.S
Environmental protection	IP67
Material	Alloy Tool Steel
Cable length	4 Mtr 500kg - 2T 6 Mtr 2.5T - 10.0T

Model	Capacity	L	L1	L2	L3	L4	H	B	B1	d1	M
KHC8-C3 500kg	500 kg										
KHC8-C3 1.0T	1000kg	130	15.8	25.4	76.2	53.7	31.8	31.8	34	13.5	M12 X 1.75
KHC8-C3 1.5T	1500kg										
KHC8-C3 2.0T	2000kg										
KHC8-C3 2.5T	2500kg										
KHC8-C3 3.0T	3000kg	171.5	19.1	38.1	95.3	77.2	38.1	38.1	40	19.8	M18 X 1.5
KHC8-C3 5.0T	5000kg										
KHC8-C3 10.0T	10,000kg	222.3	25.4	50.8	120.7	101.6	50.8	50.8	52.4	26.92	M24 x 2

## Wiring Color Code

Excitation + Red                      Signal + Green  
Excitation - Black                    Signal - White

## Kelba (Australia) Pty Ltd

Reference	KH8C-C3 Shear Beam Load Cell 500KG - 10T			
Date	11/12/14			
Mod. By	J.Dagang			
Approved		Drg. No.	KH8C-C3	Rev.
Scale	NTS			2
		Date	11/12/14	