

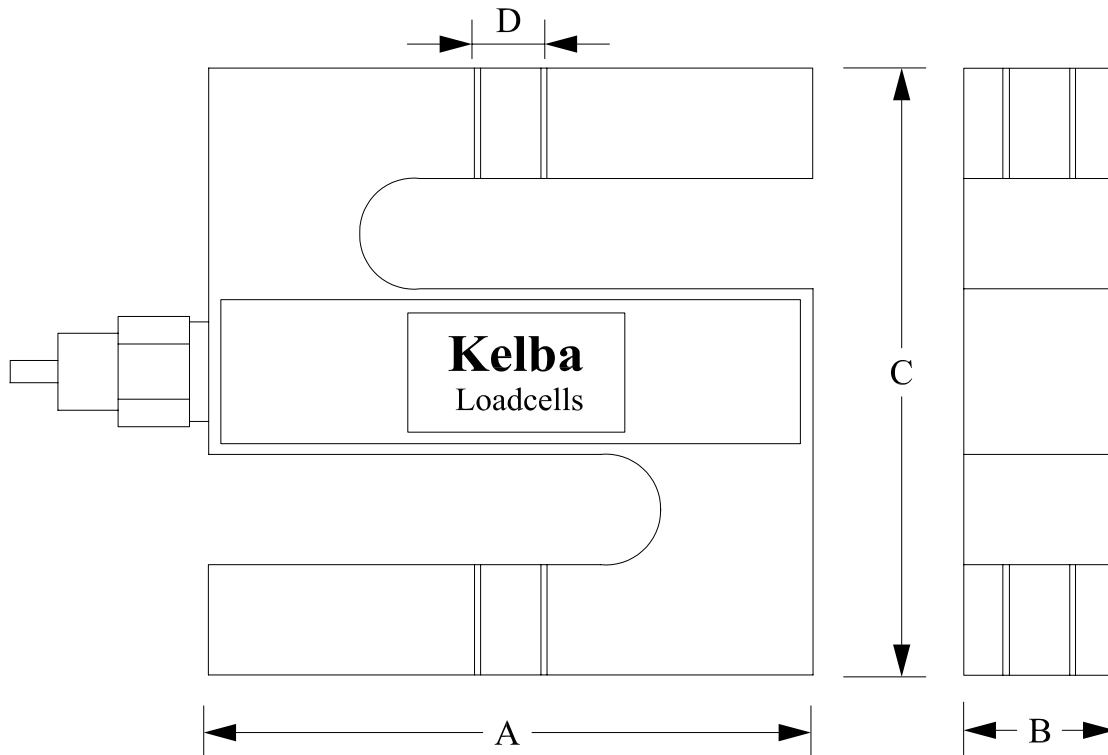
# Kelba 'S' Type Load Cell KPA 6110

## STANDARD CAPACITIES

25 , 50 , 70 , 100 kg

## SPECIFICATIONS

Rated Output	2.95 ~ 3.05mV/V
Accuracy class	0.03
Non-linearity	0.03 % F.S
Hysteresis	0.03 % F.S
Non-repeatability	0.02 % F.S
Creep in 30 minutes	0.03 % F.S
Temperature effect span	15 PPM / °C of applied Load
Temperature effect zero	26 PPM / °C of applied Load
Compensated temperature range	- 10°C ~ 40 °C
Operating temperature range	- 40°C ~ 65 °C
Zero balance	± 1 % F.S
Input resistance	385 ± 15 Ω
Output resistance	350 ± 3 Ω
Safe overload	150 % F.S
Ultimate overload	300 % F.S
Excitation voltage	10 VAC/DC
Maximum excitation voltage	15 VAC/DC
Insulation resistance	> 5000M Ω (50 V DC )
Environmental protection	IP67
Material	Alloy tool steel
Cable length	6 Mtr



## Wiring Color Code

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

Capacity	A	B	C	D (THREAD)
25kg	51	12	63	1/4 - 28 UNF 2B
50kg	51	12	63	1/4 - 28 UNF 2B
70kg	51	12	63	1/4 - 28 UNF 2B
100kg	51	12	63	1/4 - 28 UNF 2B

Kelba (Australia) Pty Ltd					
Reference		KPA 6110 'Universal S' Type Load Cell			
Date	07/04/03				
Mod by	M.Rodrick				
Approved		Drg. No.	KPA -6110 -1	Rev.	2
Scale	NTS			Date	26/03/07