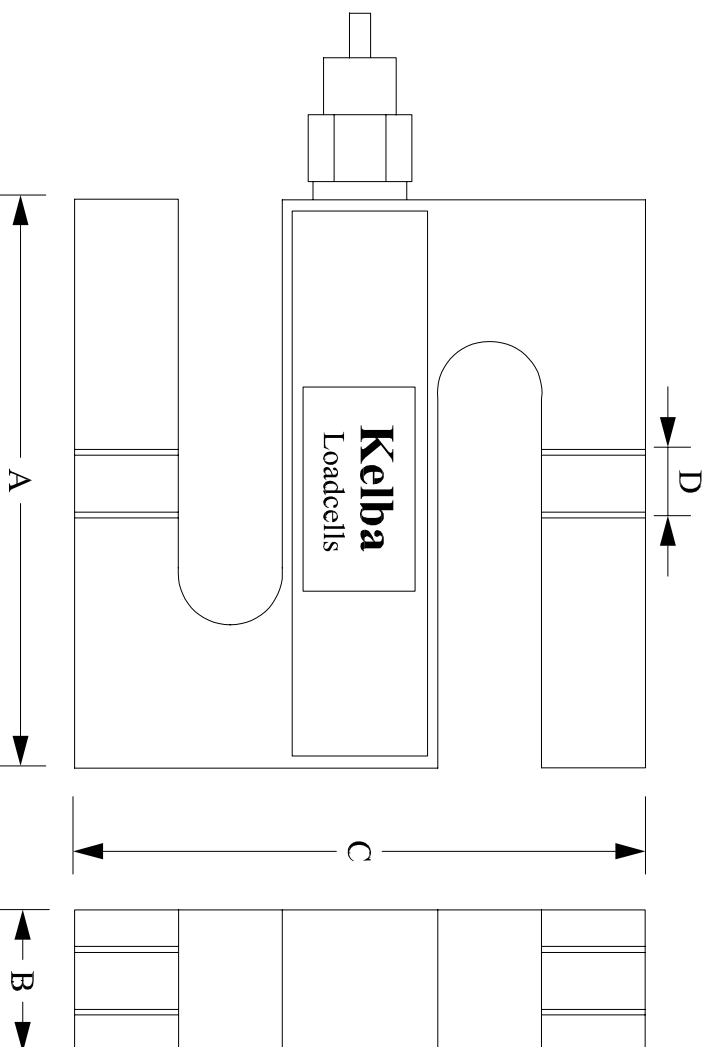


# Kelba 'S' Type Load Cell KPA 6210



## STANDARD CAPACITIES

100, 150, 250, 300, 500, 700kg  
1, 1.5, 2, 2.5, 5, 10T

## SPECIFICATIONS

Rated Output	2.95 ~ 3.05mV/V
Accuracy class	0.05
Non-linearity	0.03 % F.S
Hysteresis	0.05 % 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	Stainless Steel
Cable length	6 Mtr

## Wiring Color Code

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

Capacity	A	B	C	D (THREAD)
100kg	51	19	75	1/4 - 28 UNF 2B
150kg - 700kg	51	19	75	1/2 - 20 UNF 2B
1t - 1.5t	51	25	75	1/2 - 20 UNF 2B
2t - 5t	76	25	108	3/4 - 16 UNF 2B
10t	127	50	178	1 1/4 - 12 UNF 2B

Kelba (Australia) Pty Ltd				
Reference		KPA 6210 'Universal		
Date	07/04/03	S' Type Load Cell		
Mod by	M.Rodrick	Drg. No.	KPA-6210-1	Rev. 2
Approved		Scale	NTS	Date 28/03/07