

Kelba 'S' Type Load Cell KPA 6210

STANDARD CAPACITIES

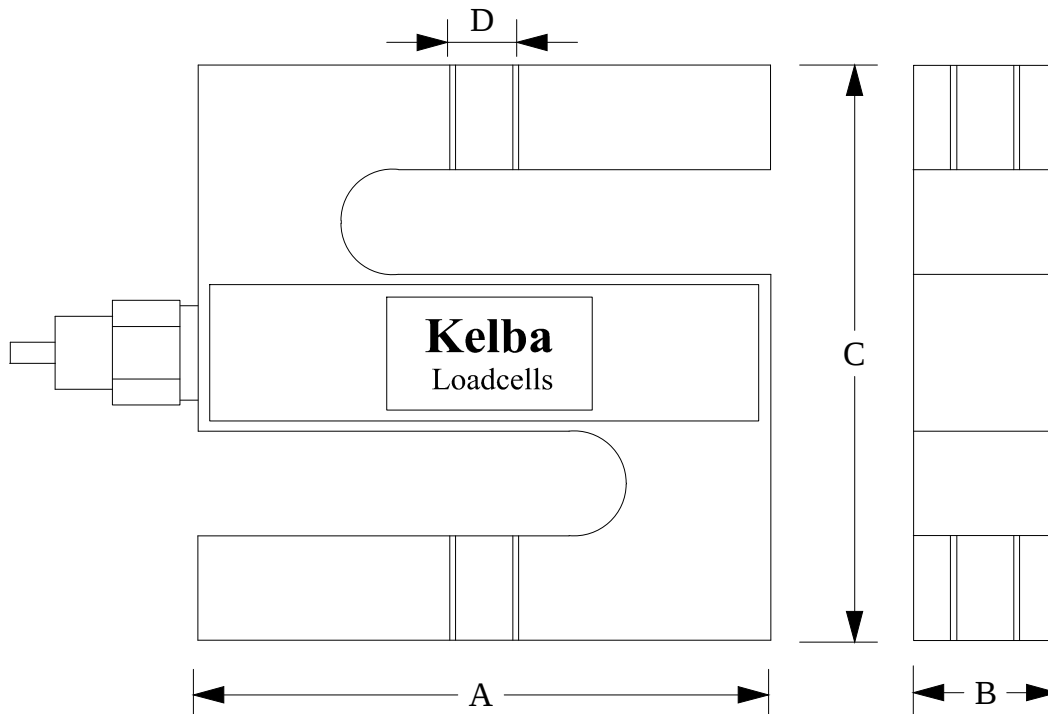
100 , 150 , 250 , 300 , 500 , 700kg
1 , 1.5 , 2 , 2.5 , 5 , 7 , 10T

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
Tempature effect zero	26 PPM / °C of applied Load
Compensated temperaturer 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	12	63	1/4 - 28 UNF 2B
100kg	51	19	75	M12 x 1.75
150kg - 500kg	51	19	75	1/2 - 20 UNF 2B
150kg-500kg	51	19	75	M12 x 1.75
700kg -1500kg	51	25	75	1/2 - 20 UNF 2B
2t - 5t	76	25	108	3/4 - 16 UNF 2B
7t	105	32	140	1" - 14 UNF 2B
10t	127	50	178	1 1/4 - 28 UNF 2B

*Metric Thread available on request

Kelba (Australia) Pty Ltd					
Reference		KPA 6210 'Universal S' Type Load Cell			
Date	3/10/2013				
Drawn	Jerome Dagang				
Approved		Drg. No.	KPA -6210 -1	Rev.	2
Scale	NTS			Date	3/10/2013