



GS-KMT Load Cells



GS-KMT Economy Model GK2106 Aluminium 125kg to 1,000kg IP67 Shearbeam Load Cell



KEY FEATURES

- Sized for Existing Cell Replacement without the need to make any changes.
- 150% Safe Load - Strong Construction.
- Economical IP67 Sealing.
- Quality Aluminium Construction.
- Marine Grade Anodised.
- Matched outputs make corner adjustments un-necessary in most applications.
- Load Cells 100% tested to guarantee load & thermal specifications met or exceeded.
- Integral mounting step reduces need for spacer plate & improves mounting.
- High Accuracy 0.03% Combined Error
- Popular Capacities - 125kg to 1,000kg.
- Popular M8/M12 Mounting thread.

APPLICATIONS

- As a replacement for damaged existing "same size" Load Cells.
- Industrial Floor Scales.
- Batch weighing.
- Hopper filling and level control.
- Food and Chemical Industry.
- Bagging and Filling Machines.
- Inventory Control - by weight.
- Shipping Scales.
- Overhead Cattle Scales.
- Agricultural Applications.

Specifications

Capacity	125kg - 1,000kg	Environmental Protection Rating	IP67
Safe Service Load	100% Capacity	Material	Aluminium
Safe Overload	150% Capacity	Anodised Finish	Marine Grade
Ultimate Load	300% Capacity	Construction	Bonded Seal
Safe Side Load	100% Capacity	Input Resistance	410Ω ± 5Ω
Full Load Output	2mV/V ± 1%	Output Resistance	352Ω ± 3Ω
Combined Error	<0.03% FS	Insulation Resistance	>3,000MΩ
Non Repeatability	<0.01% FS	Excitation (Recommended)	5VDC to 12VDC
Creep/Zero Return (30min)	<0.02% FS	Excitation (Maximum)	15VDC
Zero Balance	<2% FS	Cable type ...	4mm OD 4 core screened.
Span temperature effect	<30ppm/°C	Cable length	3 metres.
Zero temperature effect	<20ppm/°C		
Compensated Range	-10°C to +40°C		
Operating Range	-18°C to +65°C		

Description & Ordering GK2106

Description:- The Gedge Systems-KMT Mechtronix GK2106 Shear Beam Load Cell has been designed from the ground up to offer class leading long term performance in the majority of Industrial situations.

It is part of a very large range of High Quality Load Cells brought to Australia & New Zealand by Joint Venture Partners Gedge Systems & KMT Mechtronix.

The GK2106 Shear Beam is ruggedly built of the finest Aluminium and protected by a Marine Grade Anodised Finish. It has attachment threads and through holes of size and location to allow a "no changes required" replacement of certain existing Aluminium Load Cells.

This is an economical Load Cell for Weighing now and into the Future.

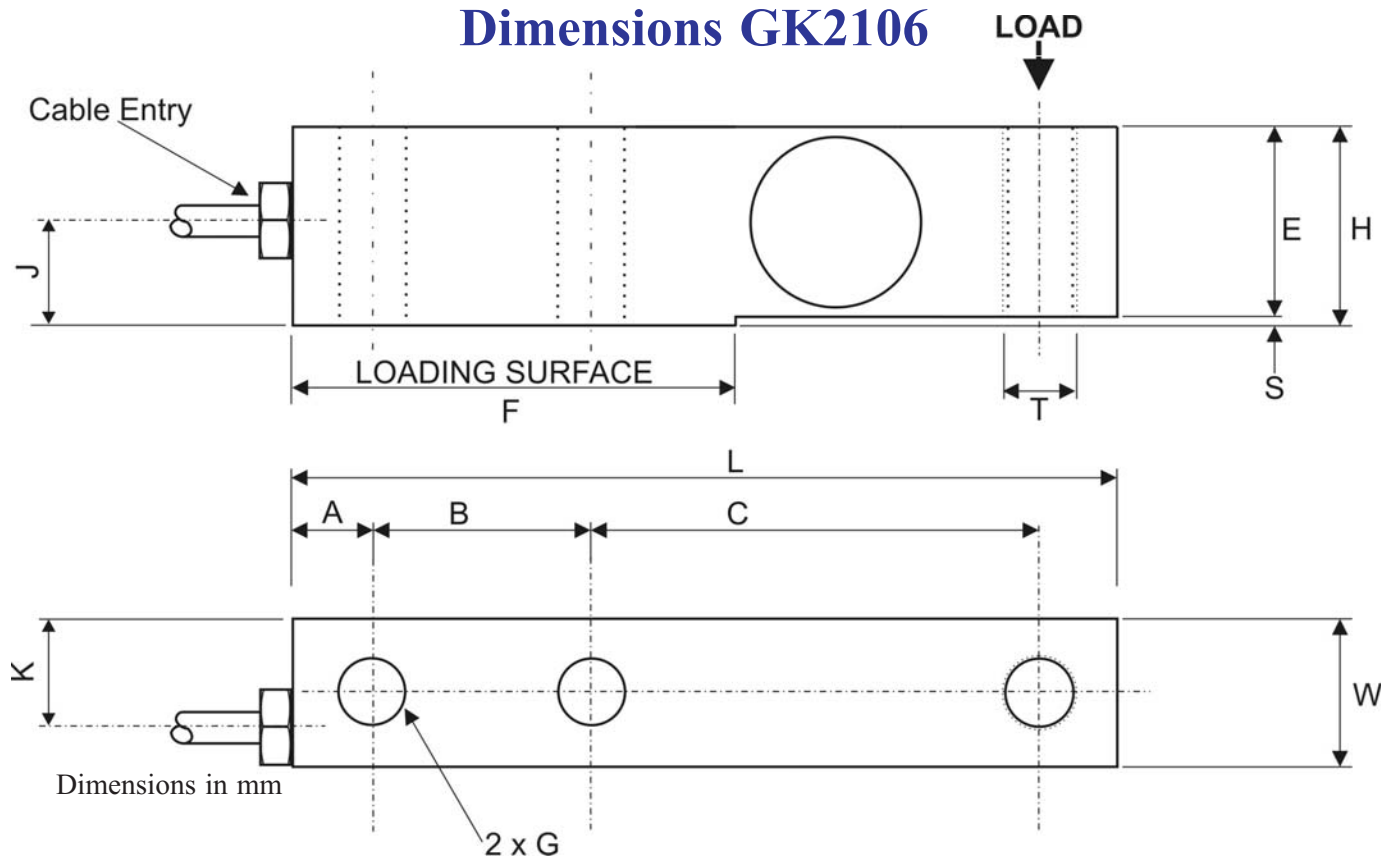
Ordering:-

- GK2106-125** 125kg Shear Beam Load Cell IP67
- GK2106-250** 250kg Shear Beam Load Cell IP67
- GK2106-500** 500kg Shear Beam Load Cell IP67
- GK2106-1T** 1,000kg Shear Beam Load Cell IP67

Accessories. A wide range of accessories is available for all GS-KMT Load Cells. They make using the GK2106 in your application easier and more cost effective while at the same time meeting your requirements for strength and durability. Refer to the GS-KMT Shear Beam Load Cell Accessories Brochure for full details.

**GEDGE SYSTEMS - Since 1978 Australia's Leading Manufacturer of High Accuracy Weighing Electronics
now bringing you Superior Quality GS-KMT Load Cells**

Dimensions GK2106



Cap kg	A	B	C	E	F	G	H	J	K	L	S	T	W
125	10	30	52	20	55	Ø6.5	25	12	17.2	100	5	M8x1.25	22
250	13	35	72	23	70	Ø10.3	25	13.5	20	130	2	M12x1.75	24
500	13	35	72	28	70	Ø10.3	30	16	20	130	2	M12x1.75	24
1,000	13	35	72	30	70	Ø10.3	31.5	16	20	130	2	M12x1.75	24

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