



Description

60520-SS is Single Point Off Centre Load Cell, Specially designed for small scales. It is constructed from Stainless Steel SS 17-4 PH for protection against corrosion. This Load cell ideally suits to Fisheries, Food, Chemical and Pharmaceutical industries. It is Strain gauge based cell with full temperature compensation over 0 to 50°C. It is easy to install and use. Top and bottom cover plates provided for gauge area protection.

Applications

- Check Weighing
- Bagging Machines
- Table Top Scales
- Fisheries Scales
- Food, Chemical and pharmaceutical weighing

Key Features

Complete Environmental Protection – Meets IP 65 class

Stainless Steel 17-4 PH constructions

Wide range of capacities from 25 KGF to 300 KGF.

Calibration in mV/V/Ω

Can be **customized** to suit customer's need

Technical Specifications

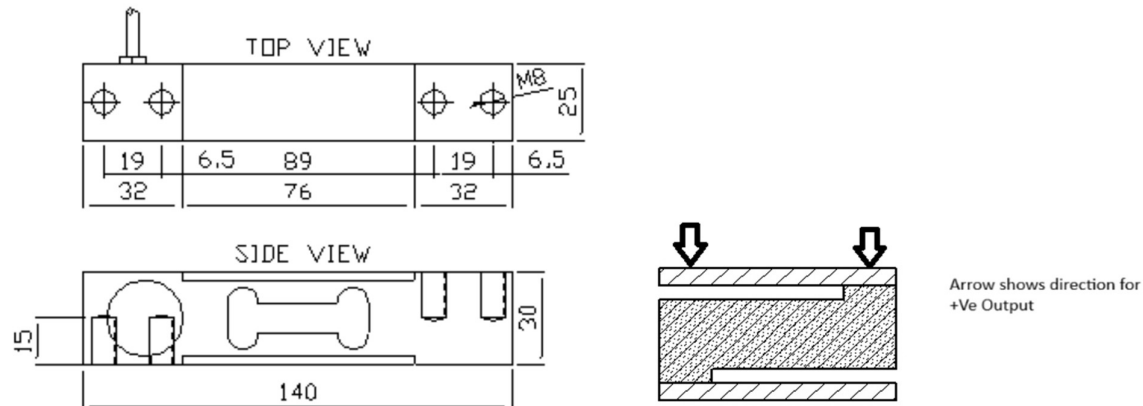
STANDARD CAPACITY		25, 50, 75, 100, 300 -KGF
PERFORMANCE	Non - Linearity	< ± 0.025 % FSO
	Hysteresis	< ± 0.05 % FSO
	Non-Repeatability	< ± 0.03 % FSO
	Creep (30 minutes)	< ± 0.03 % FSO
	Zero Balance	± 1.0 % FSO
ELECTRICAL	Output	2.00 mV/V $\pm$ 0.2%
	Excitation Voltage	Maximum 15 VDC (Suggested 5VDC / 10VDC)
	Input Resistance	390 $\pm$ 20.0 Ω (Ohms)
	Output Resistance	350 $\pm$ 10.0 Ω (Ohms)
	Insulation Resistance	(100 VDC) > 1000 Mega Ω (Ohms)
STRUCTURE	Safe Overload Of Rated Capacity	150%
	Ultimate Overload of Rated Capacity	250%
	Allowable Side Load	50%
	Deflection	< 0.4 mm at FSO
	Finish Product	Stainless Steel 17-4 PH
	As per IS/IEC 60529:2001	Meets IP 65
TEMP.	Operating Temperature	0°C to 60°C
	Compensated Temperature	10°C to 50°C
	Temperature Effect on Output	< 0.0025 % FSO/ °C
	Temperature Effect on Zero	< 0.0030 % FSO/ °C
	Eccentric Load Effect	< 0.02 % of Output when 1/3 rated load placed at the edge of the specified size platter

60520-SS

SINGLE POINT TABLE TOP LOAD CELL

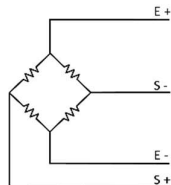


Dimensions (mm)



CAPACITY-KGF	CABLE
25, 50, 75, 100, 300	1.5 Meter
All dimensions are in mm.	
Specification are subject to change.	

Electrical Termination



Excitation(E+)	Red
Signal(S-)	White
Excitation(E-)	Black
Signal(S+)	Green
Shield	