



Weightrack



M/s. WEIGHTRACK INDIA PVT. LTD. is an ISO 9001:2015 Company. We manufactured world class products to meet our all-customer needs with commitment. Our Company is established in 1999 for manufacturing, sales and service supports of Weighing solutions, Weighing instruments, Industrial Weighing automation, Solar system along with Industrial automation logistics management system, Automatic traffic management system and Toll management system. We are a family of more than 4000 happy clients, which is a motivational number for us to keep up with meeting quality commitment.



PLOT NO. 623 (P), HANSPAL (NEAR PURI CANAL)
BHUBANESWAR-752101, ODISHA,

0674-2463002, 9040077885

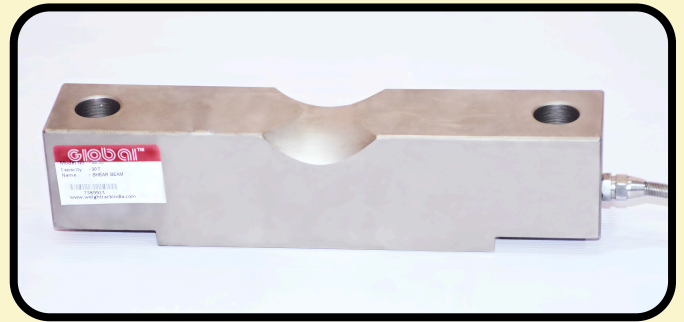
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SINGLE ENDED SHEAR BEAM LOAD CELL

DESCRIPTION

➤ Model 70310-double ended shear beam Load Cell is ideally suited for truck, track, tank and hopper weighing applications. From its nickel exterior protection to its triple-seal gage area, this cell is designed to withstand the rigorous of harsh environmental conditions. The cell is compatible with the "Unlink" suspension system and is a direct replacement for the 65058. THIS CELL IS USED WITH THE ADI ARTECH WM-V-WEIGH MOUNT.-at an extra cost.



MODEL : GSB(AD) Series Double ended shear beam Load Cell

FEATURES

- 5Tf to 100 Tf Capacities
- Triple-Sealing
- Electroless Nickel Plated

PERFORMANCE SPECIFICATION

➤ Standard Capacities (Tf.)	5, 10, 15, 20, 23, 30, 40, 50, 75, 100
➤ Excitation Voltage	10 VDC- Maximum 15 VDC
➤ Nominal Output	3.0 m V/ V
➤ Non-Linearity	< ±0.025% FSO (Full Scale Output)
➤ Hysteresis	< ±0.2 % FSO
➤ Non-Repeatability	< ±0.1 % FSO
➤ Creep (30 minutes)	< ±0.03 % FSO
➤ Zero Balance	±1.0 % FSO
➤ Input Resistance	770 ± 20.0 Ohms.
➤ Output Resistance	700 ÷ 7.0 Ohms
➤ Insulation Resistance	> 1000 Mega Ohms at 50 VDC
➤ Safe Overload	150% of Rated Capacity
➤ Ultimate Overload	300 % of Rated Capacity
➤ Allowable Side Load	50 % of Rated Capacity
➤ Side Load Discrimination	500: 1
➤ Temperature Compensated Range	0-60° C
➤ Temperature Effect on Output	< 0.0015 % FSO/°C
➤ Temperature Effect on Zero	< 0.0020 % FSO/°C
➤ Deflection	< 0.5 mm at FSO
➤ Tightening Torque	10 m. kg.
➤ Construction	Electroless Nickel Plated Tool Steel
➤ Environmental Protection Class	IP68

★ **Provided with surge protection from transient over voltage caused by lightning and power supply fault.**



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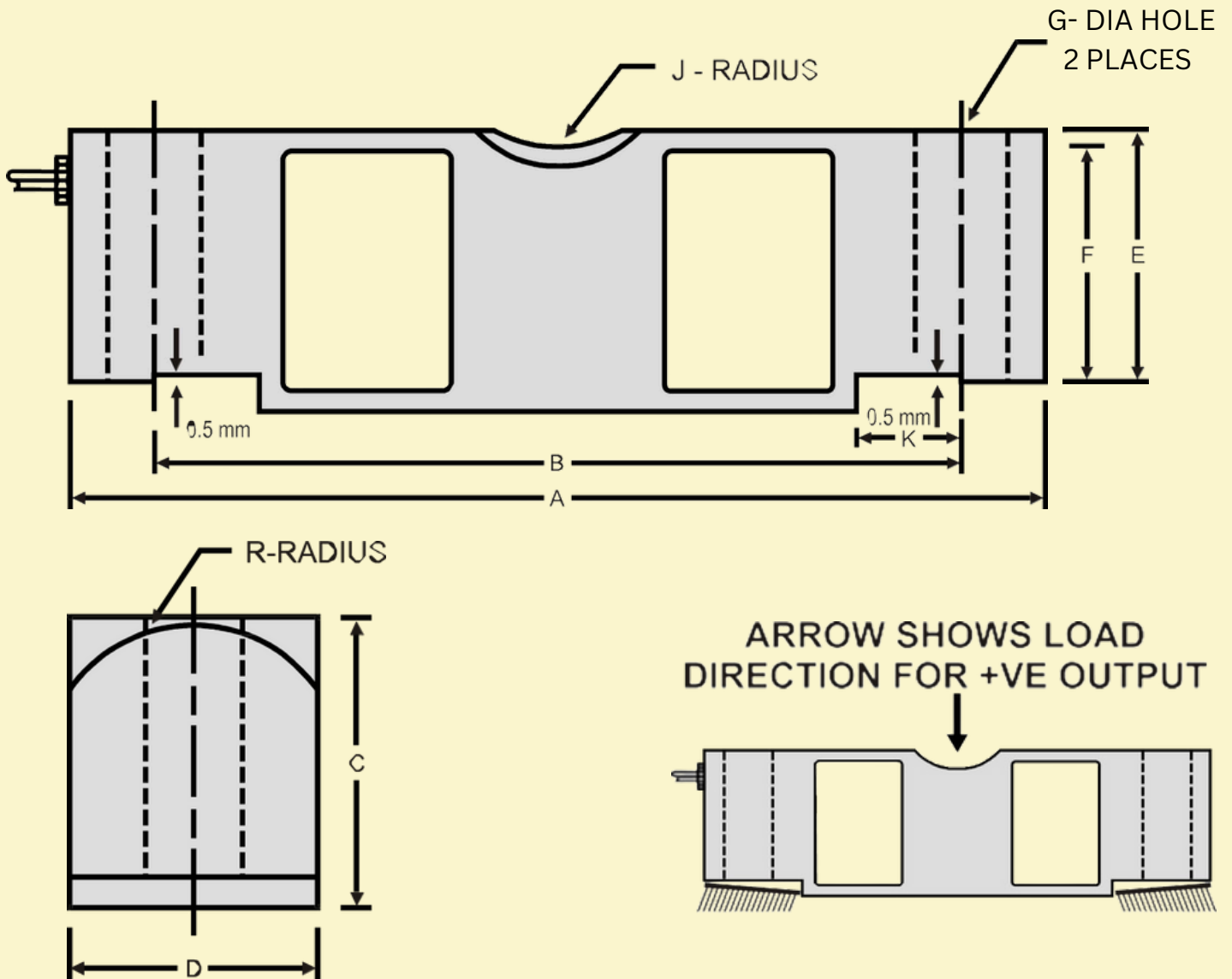
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APPLICATIONS

- Truck, Tank and Hopper weighing
- Tensile Testing
- Weighbridge

Capacity(Tf.)	A	B	C	D	E	F	G	J	R	K	Cbl in mtrs
5 to 10	197	165	50	43	43	41	17	30	22	35	10
15 to 30	261	216	75	62	67	65	25	30	35	49	20
40 to 50	388	324	98	74	87	84	41	40	45	80	20
75 to 100	490	387	133	108	104	98	41	50	60	102	20

All dimensions are in mm.



Double ended shear beam Load Cell Blueprint

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