

RS - 3

Column Type Load Cell

RUDRRA SENSOR

The load cell Technology



Product Description

We are a prominent name, which is engaged in offering a comprehensive range of Column Type Load Cell RS 3 model. High steel constructed these load cells are used for different industrial weighting applications. Offered in various specifications, these cells are fulfilling the diverse requirements of our clients.

Applications

- * Truck, Tank and Hopper Weighing
- * Tensile Testing
- * Weighbridge

Key Features

- * Constructed of Stainless steel for harsh application.
- * Hermetically welded and sealed to IP68
- * Mounting Accessories Available
- * Self Centering column Design
- * Simple Installation
- * Provides optimum protection under adverse loading condition.

Optional :

- * Digital Load cell



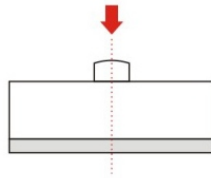
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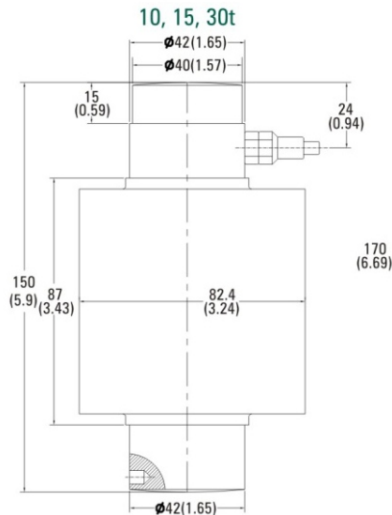
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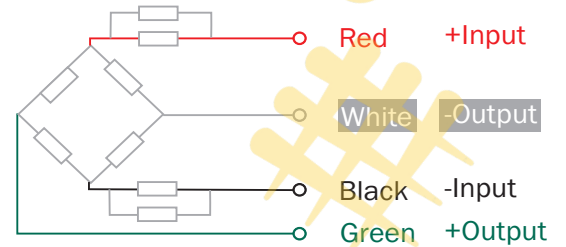
Load Application Layout :



Dimensions :



Cable Connection Details :



Capacity/Size	A	B	C	D	E	F	H	K	SR
10 30t	150	82	40	38	82	34.7	41.7	8	150
40 60t	170	88	53	47	95	43	53	10	200

* All dimension are in mm

Item/Parameter	C3	Unit
Rated load (Ton):	10, 20, 30, 40, 50, 60	t
Maximal numbers of load cell verification Intervals (Nlc):	3000	d
Minimum load cell Verification intervals Intervals (Vmin):	0.01	% of rated load
Rated output (Cn):	2.0 + 0.1%	mV/V
*Combined error:	0.015	± % of rated output
Temperature effect on sensitivity (Tkc):	0.0012	± % of rated output °C
Temperature effect on Zero balance (Tk0):	0.0008	± % of rated output °C
Zero balance:	1.0	± % of rated output
Input balance:	775 + 5	Ω (Ohms)
Output resistance (Ro):	702 + 2	Ω (Ohms)
Insulation resistance:	> 5000	M Ω (Mega-Ohms)
Safe overload:	150	± % of rated capacity
Ultimate overload:	300	± % of rated capacity
Operating temperature range:	-20 + 70/-20 + 160	°C / °F
Recommend excitation:	5-15	V(DC or AC)
Maximum excitation:	24	V(DC or AC)
Material of elastomer:	Stainless Steel	
Protection class:	IP67/IP68	

