RS - 3
Column Type Load Cell

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.
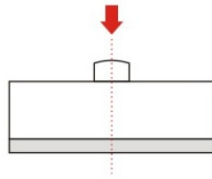
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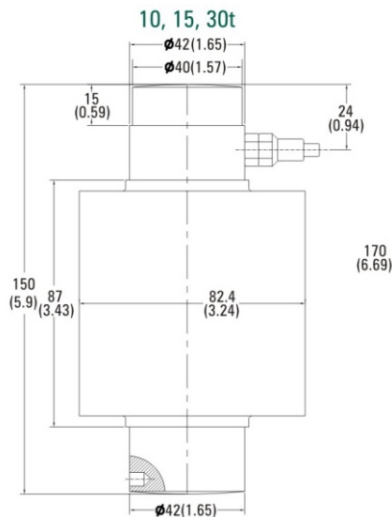
* Digital Load cell

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Load Application Layout :

Cable Connection Details :

Red	+Input
White	-Output
Black	-Input
Green	+Output

Dimensions :

10, 15, 30t

Ø42(1.65)
Ø40(1.57)
15 (0.59)
24 (0.94)
170 (6.69)
150 (5.9)
87 (3.43)
82.4 (3.24)
Ø42(1.65)
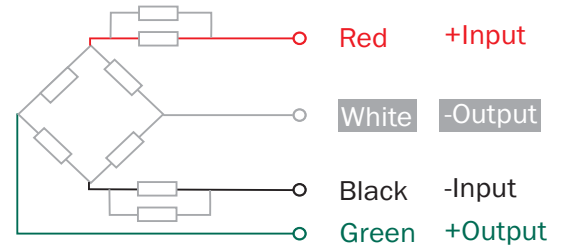
Capacity/Size	A	B	C	D	E	F	H	K	SR
10 30t	150	82	40	38	82	34.7	41.7	8	150
40 60t	170	88	53	47	95	43	53	10	200

* 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 (NIc):	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	$\pm$ % of rated output
Temperature effect on sensitivity (Tkc):	0.0012	$\pm$ % of rated output °C
Temperature effect on Zero balance (TkO):	0.0008	$\pm$ % of rated output °C
Zero balance:	1.0	$\pm$ % 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	$\pm$ % of rated capacity
Ultimate overload:	300	$\pm$ % 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	