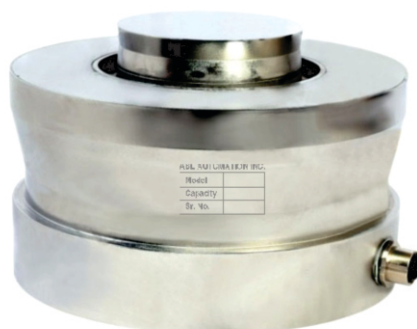




Automation

Model : ABL - RTN

HIGH CAPACITY COMPRESSION LOAD CELL



Parameters

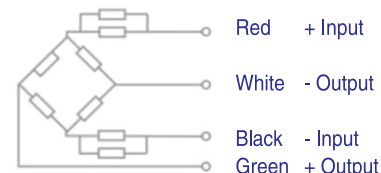
CAPACITY	A	B	C	D	H	K	J
100T, 150T, 200T	150	70	140	124	80	16	30

*300T/500T/1000T Dimension Available on Request.

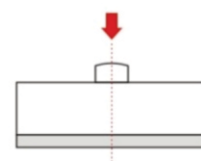
Specification

Parameter	C1	Unit
Rated load (Emax):	50, 100, 200, 300, 500	t
Maximal numbers of load cell verification Intervals (Nlc):	3000	d
Minimum load cell Verification intervals Intervals (Vmin):	0.1%	% of rated load
Rated output (Cn):	2.0 ± 10%	mV/V
* Combined error :	0.05	± % of rated output
Temperature effect on sensitivity (Tkc):	0.02	± % of rated output°C
Temperature effect on zero balance (Tko):	0.02	± % of rated output°C
Zero balance :	1.0	± % of rated output
Input resistance (Rlc):	775 ± 5	Ω (Ohms)
Output resistance (Ro):	702 ± 2	Ω (Ohms)
Insulation resistance :	> 20000 MΩ	M Ω (Mega-Ohms)
Safe overload :	150	± % of rated capability
Ultimate overload :	300	± % of rated capability
Operating temperature range :	- 20° to 70°	°C/°F
Recommend excitation :	8~24	V(DC or AC)
Maximum excitation :	24	V(DC or AC)
Material of elastomer :	Alloy steel/Stainless steel	
Protection class :	IP67/IP68	

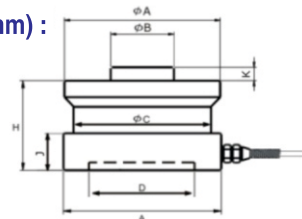
Wiring Schematic Diagram :



Load Diagram :



Dimensions (mm) :



IP67

