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ROPE TENSION Load Cell



APPLICATIONS:

- Crane/ Hoist Overload Monitoring Systems
- Rope Tension Monitoring Systems
- Tower Testing Applications
- Lift Overload Monitoring Systems

ROPE TENSION LOAD CELL

Technical Specifications

MOUNTING

- Simple Sideways Mounting
- No Cutting or Opening the Rope
- Easy to mount anywhere on the rope

SPECIFICATIONS

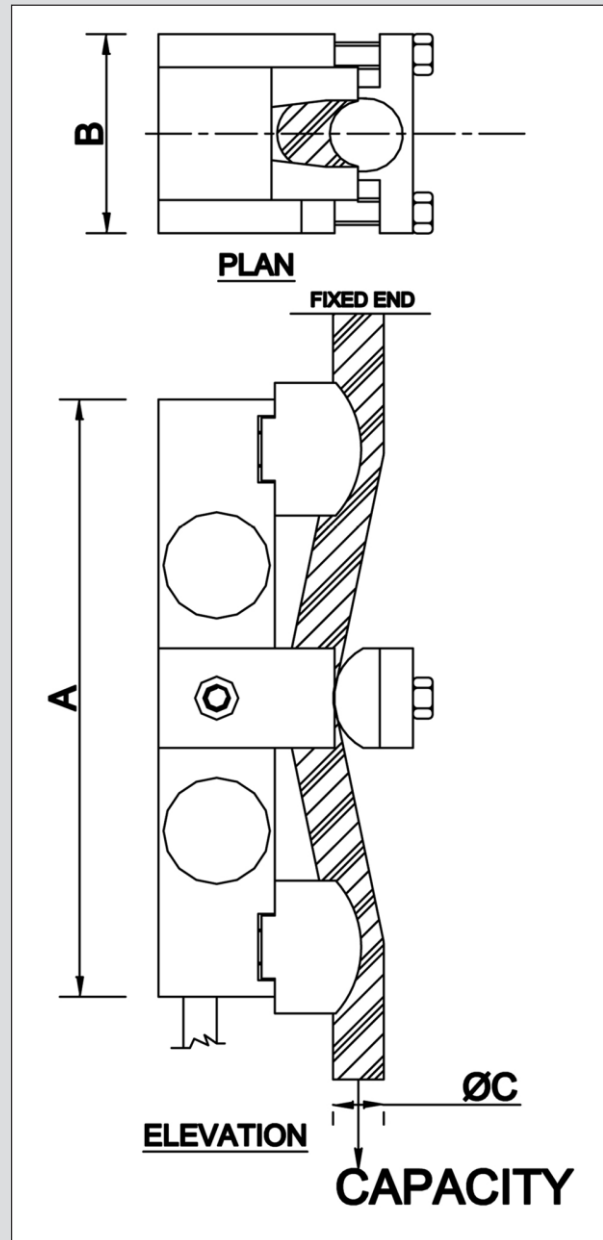
Loading Capacity: 5T/ 10T
Rated Output: 1mV/V
Safe Overload: 150%
Ultimate Overload: 300%
Protection: IP 68

LIFT OVERLOAD PROTECTION

- Conventional method of Lift Overload Protection involves 'Over Current Tripping Mechanism' which activates the protection circuit when the Lift Driving Motor current exceeds the set limit while trying to lift overload.
- Since voltage fluctuation causes the motor current to vary, the tripping set point becomes unreliable making the lift operation erratic.
- The tripping mechanism using Rope Tension Load Cell purely depends on the actual load rather than the fluctuating current or voltage making it highly reliable.
- Simple mounting of Rope Tension Load Cell like a side attachment without cutting the wire make it easy to mount anywhere on a lift support rope.

DIMENSION DETAILS:-

CAPACITY (Ton)	MODEL NO	DIMENSIONS (mm)		
		A	B	ØC
3	RT033H9	180	40	14-22
5,10,15	RT053H9,RT014H9,RT153H9	230	60	16-36



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