MAX TECHNOLOGIES

Model A 570

DESCRIPTIONS

A 570 is designed for rail road, truck, tank and hopper scales with low profile. The design of loading through a ball is insensitive to Side load.

The effective integration of the A 570 double ended shear beam load cell eliminates the need for troublesome check roads, links, expansion assemblies and other peripheral hardware.

The unique spherical ball point loading mechanism makes lateral movement of the assembly

APPLICATIONS

- Truck Scales
- Railroad Track Scales
- Tank, bin and hopper Weighing

FEATURES

- Capacities:(Metric ton)10t, 20t, 25t, 30t,40tS and 40t,50t
- High overload tolerance
- Electroless nickel plated

  Alloy steel
- Environment IP 68





PERFORMANCE SPECIFICATIONS

Rated capacities: (Metric tons):	10t, 20t, 25t, 30t,40tS and 40t,50t
Rated Output	2.0 mV/V
Combined Error	≤ ± 0.02 % FS
Non-linearity	± 0.017 % FS
Hysteresis	± 0.02 % FS
Non-Repeatability	± 0.02 % FS
Creep (30minutes)	± 0.02 % FS
Zero Balance	± 1.5 % FS
Temperature effect on zero	± 0.02 % FS/ 10°C
Temperature effect on output	± 0.014 % FS/ 10°C
Input Resistance Ω	700 ± 7
Output Resistance Ω	700 ± 7
Insulation Resistance	≥ 5000 MΩ
Excitation Voltage	10 V (AC / DC)
Compensated Temperature range	-10°C ~ 40°C
Operating Temperature range	-35°C ~ 65°C
Safe Overload	150 % FS

The technical data given here serve only as a product description and must not be interpreted as guaranteed characteristics in the legal sense.

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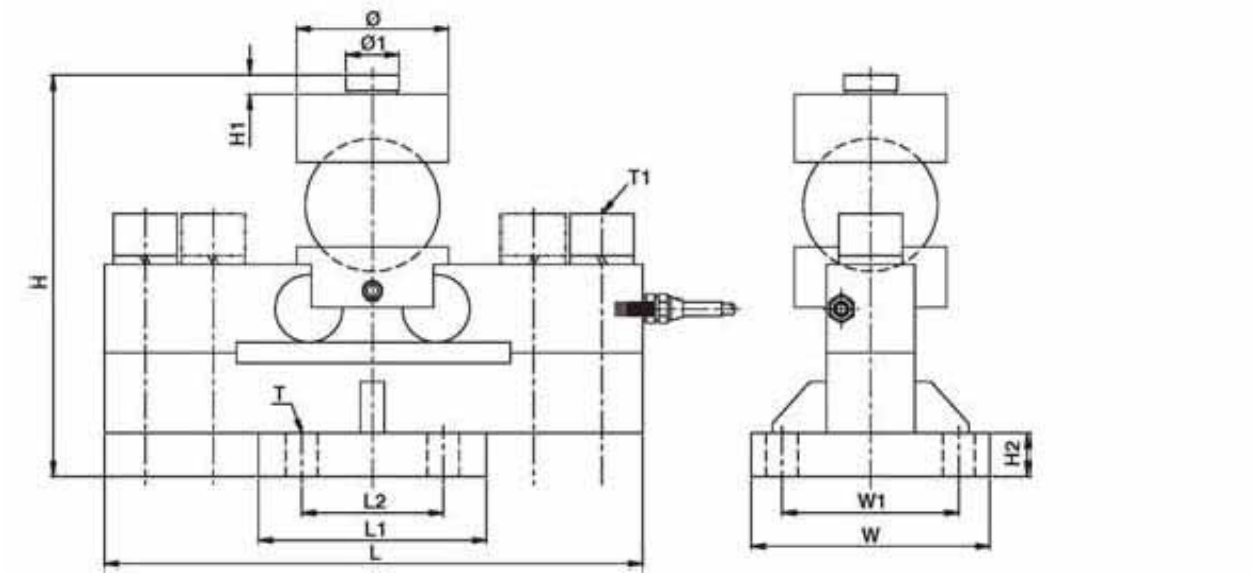
DRAWING



WIRING

Function	Color
+ Excitation	Red
- Excitation	Black
+ Output	Green
- Output	White

DIMENSIONS: (mm)

CAPACITY	L	L1	L2	H	H1	H2	Ø	Ø1	W	W1	T	T1
10T/ 20T/ 25T/ 30T/40tS	240	125	80	225	11	20	88	30	135	100	4-Ø18	2-M24
40 - 50t	340	160	124	261	11	20	98	40	160	124	4-Ø21	4-M24

Correct Mounting of Load Cells Is Essential To Ensure Optimum Performance.

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Max Technologies reserves the right make changes to the technology, features, specification and design of the equipment without notice.