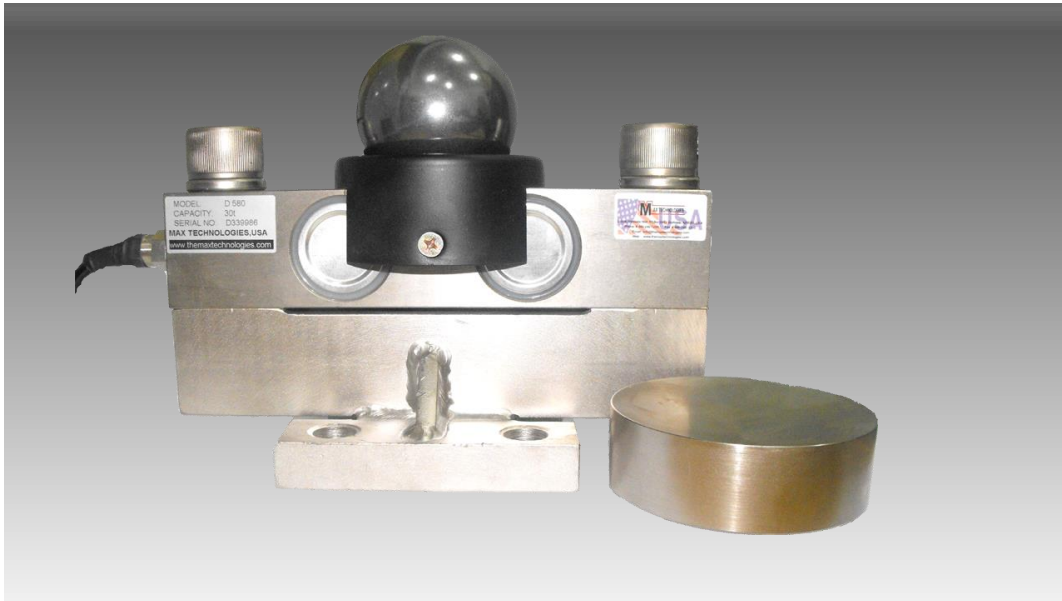


Model D 580-D

Smart Digital Load Cell



FEATURES

- **Rated Capacities (lb):**
20,000, 45,000, 55,000, 65,000, 85,000, 100,000
- **Rated Capacities (kg):**
10,000, 20,000, 25,000, 30,000, 40,000, 45,000, 50,000
- Digital output signal
- Alloy steel
- Environment IP 67,68
- High Overload Tolerance
- Electro less Nickel Plated

APPLICATIONS

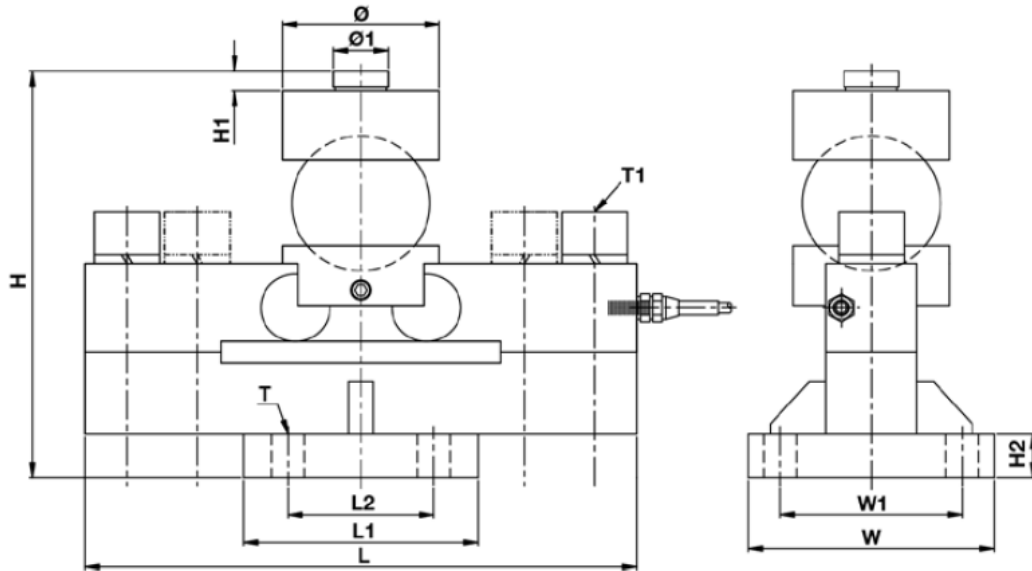
- Suitable for Truck Scales, Railroad Track Scales, Tank, Bin and Hopper Weighing

TECHNICAL DATA

Rated Capacities (lb):	20,000, 45,000, 55,000, 65,000, 85,000, 100,000
Rated Capacities (kg):	10,000, 20,000, 25,000, 30,000, 40,000, 45,000, 50,000
Rated Output	3.0 MV/V
Combined Error	$\leq \pm 0.023 \% \text{ FS}$
Non-linearity	$\pm 0.02 \% \text{ FS}$
Hysteresis	$\pm 0.02 \% \text{ FS}$
Non-Repeatability	$\pm 0.02 \% \text{ FS}$
Creep (30minutes)	$\pm 0.02 \% \text{ FS}$
Zero Balance	$\pm 1 \% \text{ FS}$
Temperature effect on zero	$\pm 0.02 \% \text{ FS/ } 10^{\circ}\text{C}$
Temperature effect on output	$\pm 0.02 \% \text{ FS/ } 10^{\circ}\text{C}$
Input Resistance Ω	$770\Omega \pm 10\Omega$
Output Resistance Ω	$700\Omega \pm 3\Omega$
Insulation Resistance	$\geq 5000M\Omega$
Excitation Voltage	10V (AC /DC)
Compensated Temperature Range	-10~+ 40 °C
Operating Temperature Range	-20~+ 60 °C
Safe Overload	150 % FS

Model D 580-D

OUTLINE DIMENSIONS:



DIMENSIONS:

Capacity	L	L1	L2	H	H1	H2	Ø	Ø1	W	W1	T	T1
lb/inches												
20,000, 45,000, 55,000, 65,000, 85,000, 100,000	9.47	4.93	3.15	8.88	0.43	0.78	3.47	1.18	5.33	3.94	0.15-Ø0.71	0.07-M0.94
kg/mm												
10,000, 20,000, 25,000, 30,000, 40,000, 45,000 50,000	240	125	80	225	11	20	88	30	135	100	4-Ø18	2-M24
	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.

3193 N, Drinkwater Blvd, P.O.Box 32662, Scottsdale, AZ 85251, U.S.A

Phone: # 480-240-1299

Fax: # 480-240-1300

Email: Info@themaxtechnologies.com

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