



Material of MC106BH is alloy steel

### DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	H	H1	H2	H3	H4	H5	W
<b>t/mm</b>													
100	59.0	95.0	155.0	84.0	72.0	380.0	185.0	30.0	167.0	223.0	50.0	15.0	191.0
200	85.0	125.0	166.0	120.0	104.0	450.0	258.0	39.0	233.0	300.0	60.0	20.0	202.0
500	127.0	180.0	268.0	175.0	160.0	506.0	365.0	60.0	325.0	425.0	85.0	20.0	308.0
<b>lb/inches</b> (conversion of above dimensions)													
220,462.3	2.32	3.74	6.10	3.31	2.83	14.96	7.28	1.18	6.57	8.78	1.97	0.59	7.52
440,924.5	3.35	4.92	6.54	4.72	4.09	17.72	10.16	1.54	9.17	11.81	2.36	0.79	7.95
1,102,311.3	5.00	7.09	10.55	6.89	6.30	19.92	14.37	2.36	12.80	16.73	3.35	0.79	12.13

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 mV/V $\pm 0.25\%$	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	$\pm 0.02$ mV/V	<b>Insulation Resistance</b>	>2 [ 50V DC ] G $\Omega$
<b>Non-linearity</b>	< $\pm 0.050\%$	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	< $\pm 0.017\%$	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	< $\pm 0.030\%$	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	< $\pm 0.023\%$	<b>Seal Type / IP Rating</b>	Welded Seal / IP67
<b>Input Resistance</b>	770 $\Omega$ $\pm 30$	<b>Cable Color Code</b>	Exc+ Red      Exc- Black
<b>Output Resistance</b>	700 $\Omega$ $\pm 5$		Sig+ Green      Sig- White
<b>Element Material</b>	Alloy Steel, Nickel Plated		Shield Bare

### PART NUMBER

Load Cell	Rated Capacity	Part No.	Shipping Weight (kg) Approx.
	100t	106BH-100t	9.6
	200t	106BH-200t	25.0
	500t	106BH-500t	77.0

Mounting Hardware	Load Cell Capacity	Part No.	Shipping Weight (kg)
Mounting Cap	100t	MC106BH-100t	1.4
	200t	MC106BH-200t	3.6
	500t	MC106BH-500t	11.3