



Material of MC106BH is alloy steel

CE RoHS

Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	H2	H3	H4	W	W1
t/mm											
100	155.0	84.0	59.0	95.0	223.0	185.0	/	94.0	30.0	195.0	-
200	166.0	120.0	85.0	125.0	300.0	258.0	40.0	133.0	39.0	240.0	144.0
300	166.0	135.0	100.0	140.0	320.0	275.0	40.0	145.0	47.0	240.0	144.0
500	268.0	175.0	127.0	180.0	425.0	365.0	60.0	192.5	60.0	352.0	144.0
800-1000	240.0	240.0	180.0	180.0	435.0	360.0	70.0	180.0	40.0	324.0	194.0
Klb/inches (conversion of above dimensions)											
220.46	6.10	3.31	2.32	3.74	8.78	7.28	/	3.70	1.18	7.68	-
440.92	6.54	4.72	4.92	4.92	11.81	10.16	1.57	5.24	1.54	9.45	5.67
661.39	6.54	5.31	3.94	5.51	12.60	10.83	1.57	5.71	1.85	9.45	5.67
1,102.31	10.55	6.89	7.09	7.09	16.73	14.37	2.36	7.58	2.36	13.86	5.67
1,763.70-2,204.62	9.45	9.45	7.01	7.01	17.13	14.17	2.76	7.09	1.57	12.76	7.64

SPECIFICATIONS

Full Scale Output	2.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.04 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	< \pm 0.050%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< \pm 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< \pm 0.030%	Breaking Overload	300% of full scale
Creep in 30 min.	< \pm 0.023%	Seal Type / IP Rating	Welded Seal / IP67
Input Resistance	770 Ω \pm 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700 Ω \pm 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER

Load Cell	Rated Capacity	Part No.	Weight (kg) Approx.
	100t.....	106BH-100t.....	9.6
	200t.....	106BH-200t-HL.....	25.0
	300t.....	106BH-300t-HL.....	25.0
	500t.....	106BH-500t-HL.....	77.0
	800t.....	106BH-800t-HL.....	116.6
	1000t.....	106BH-1000t-HL.....	116.6

PART NUMBER

Mounting Hardware	Mounting Hardware	Load Cell Capacity	Part No.	Shipping Weight (kg)
Mounting Cap.....	100t.....	MC106BH-100t.....	1.4	
	200t.....	MC106BH-200t.....	3.6	
	300t.....	MC106BH-300t.....	11.3	
	500t.....	MC106BH-500t.....	11.3	
	800t.....	MC106BH-800t.....	30.5	
	1000t.....	MC106BH-1000t.....	30.5	