



- Material of both MC106RH & MB106RH is alloy steel with zinc plating
 - Material of F106-CP1 is mild steel with zinc plating

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	C5	C6	C7	H	H1	H2	H3	H4	H5	W	W1	W2
t/mm																	
30	45.8	39.0	75.0	120.0	85.0	64.0	9.0	165.0	140.0	75.0	32.0	32.0	13.0	200.0	106.0	39.0	42.4
40	45.8	39.0	75.0	180.0	85.0	64.0	9.0	165.0	150.0	80.0	37.0	37.0	13.0	200.0	106.0	39.0	42.4
50	56.5	44.0	99.0	280.0	90.0	70.0	9.0	170.0	178.0	94.0	34.0	34.0	17.0	240.0	129.0	44.0	47.5
lb/inches (conversion of above dimensions)																	
66,138.7	1.80	1.54	2.99	4.72	3.35	2.52	0.35	6.50	5.51	2.95	1.26	1.26	0.51	7.87	4.17	1.54	1.67
88,184.9	1.80	1.54	2.99	7.09	3.35	2.52	0.35	6.50	5.91	3.15	1.46	1.46	0.51	7.87	4.17	1.54	1.67
110,231.1	2.22	1.73	3.90	11.02	3.55	2.76	0.35	7.70	7.01	3.70	1.34	1.34	0.67	9.46	5.08	1.73	1.87

SPECIFICATIONS

Full Scale Output	2.0 ± 0.1% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.020%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.020%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1150Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000Ω ± 2		
Element Material	2Cr13 Stainless Steel		

PART NUMBER

Load Cell	Rated Capacity	Part No.	Shipping Weight (kg) Approx.
	30t.....	106RS-30t-YZ.....	3.9
	40t.....	106RS-40t-YZ.....	3.9
	50t.....	106RS-50t-YZ.....	5.2

Mounting Hardware	Load Cell Capacity	Part No.	Shipping Weight (kg)
Mounting Cap.....	(30-40)t.....	MC106RH-(30-40)t.....	1.4
	50t.....	MC106RH-50t.....	2.0
Circular Plates.....	(30-50)t.....	F106-CP1.....	1.2
Mounting Base.....	(30-40)t.....	MB106RH-(30-40)t.....	2.0
	50t.....	MB106RH-50t.....	2.2

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Coti Global.....	CG-26S6
FAIRBANKS.....	LCF HR4020-2A(30t), part number 70510
FLINTEC.....	RC3

30t-50t: NTEP 1:10 000 Class IIIIL, Multiple Cell

30t-50t: OIML MAA C3, Y=16 000