



Mounting hardware to be ordered separately.

- Material of both MC106RS & MB106RS are alloy steel with zinc plating  
- Material of F106RS-1 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
<b>kg/mm</b>																	
30,000	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
40,000	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
50,000	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
<b>lb/inches</b> (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	1150 Ω ± 50	Cable Color Code	Exc+ Red      Exc- Black
Output Resistance	1000 Ω ± 2		Sig+ Green    Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

PART NUMBER		
Rated Capacity	Part No.	Shipping Weight (kg) Approx.
30t.....	106RS-30t-YZ.....	3.0
40t.....	106RS-40t-YZ.....	4.0
50t.....	106RS-50t-YZ.....	5.0

INTERCHANGEABLE PRODUCTS	
Manufacturer	Model
FAIRBANKS.....	LCF HR4020-2A(30t), part number 70510
FLINTEC.....	RC3

30t-50t: NTEP 1:10 000 Class III, Multiple Cell  
 30t-50t: OIML MAA C3, Y=16 000