

106AH

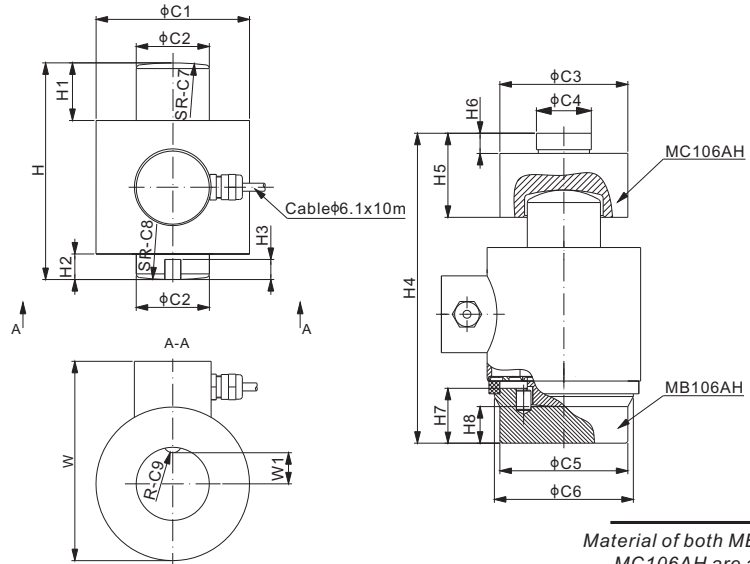
Alloy Steel

ANYLOAD



CE RoHS

Mounting hardware to be ordered separately.



Material of both MB106AH & MC106AH are alloy steel

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	H4	H5	H6	H7	H8	W	W1
t/mm																				
5-50	84.0	40.0	70.0	30.0	70.0	76.0	37.5	150.0	5.0	118.5	31.5	14.0	11.0	169.5	46.0	11.0	30.0	20.0	109.0	17.0
lb/inches (conversion of above dimensions)																				
11,023.1-110,231.1	3.31	1.57	2.76	1.18	2.76	2.99	1.48	5.91	0.19	4.67	1.24	0.55	0.43	6.67	1.81	0.43	1.18	0.79	4.27	0.67

SPECIFICATIONS

Full Scale Output	1.5 mV/V $\pm$ 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	$\pm$ 0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	< $\pm$ 0.023%	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	< $\pm$ 0.017%	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
Output Resistance	700 Ω $\pm$ 5		Sig+ Green Sig- White
Element Material	Alloy Steel, Nickel Plated		Shield Bare

PART NUMBER

Load Cell		
Rated Capacity	Part No.	Shipping Weight (kg) Approx.
5t.....	106AH-5t.....	4.5
10t.....	106AH-10t.....	4.5
20t.....	106AH-20t.....	4.5
30t.....	106AH-30t.....	4.5
50t.....	106AH-50t.....	4.5

Mounting Hardware	Load Cell Capacity	Part No.	Shipping Weight (kg)
Mounting Cap.....	5t-50t.....	MC106AH-(5-50)t.....	1.0
Mounting Base.....	5t-50t.....	MB106AH-(5-50)t.....	0.8

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Vishay Tedeo Huntleigh.....	120*

* Vishay Tedeo Huntleigh 120 has a stainless steel element with an input resistance of 670 Ω $\pm$ 10 Ω and output resistance of 605 Ω $\pm$ 5 Ω .
For 10t, 20t, 30t, 106AH including mounting caps is interchangeable with Vishay Tedeo Huntleigh 120.