

Tri-Axial Accelerometer

Model AT116

Features:

- Tri-Axial Measurements
- Center Mounting
- Charge Type Accelerometer
- 3-M5 Output

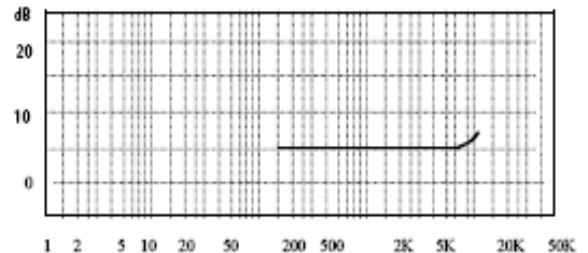
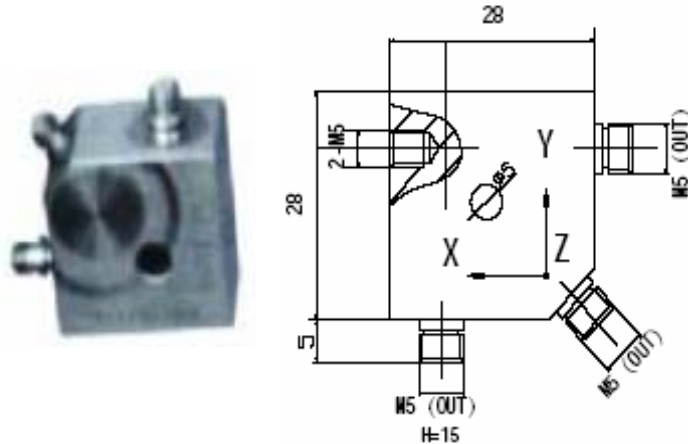
Specifications:

Dynamic Characteristics

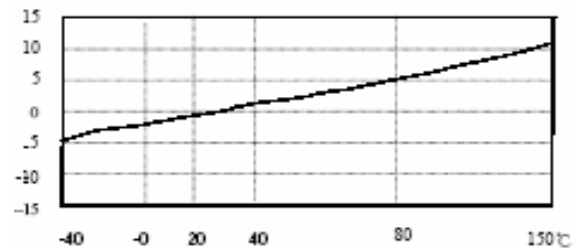
Axes Sensitivity (20±5 deg C)	10 pC/g
Max Transverse Sensitivity	<= 5 %
Frequency Response (0.5 dB)	1 - 5000Hz
Resonance Frequency	25,000 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10 ⁹ Ω
Capacitance	~ 1200 Pf

Environmental/Physical Characteristics

Temperature Range	-40 to +150 °C
Shock Limit	1000g
Temperature Sensitivity	4mg/°C (0.3Hz)
Magnetic Field Sensitivity	2g/T
Structural Strain Sens.	0.2 g/μ ε
Weight	70g
Case Material	Stainless steel
Mounting	M5 Hole center
Piezo Material	PZT-5
Structure	Triangle Cut Mode
Output Connection	L5
Included Accessories	Calibration sheet M5 Screw x 2 L5 STYV-1 (2m) x 3



Frequency Response Curve



Temperature Curve

Product information:
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