

Standard Calibration Charge Accelerometer

Model AO122

Features:

- Output stabilization over a large range
- Large frequency range for measurements
- Back-to-back output regulation

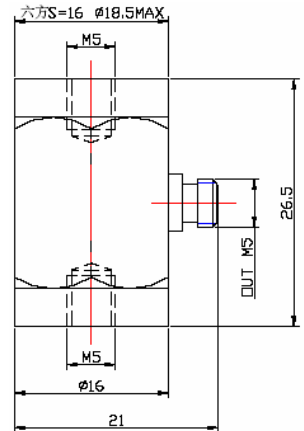
Specifications:

Dynamic Characteristics

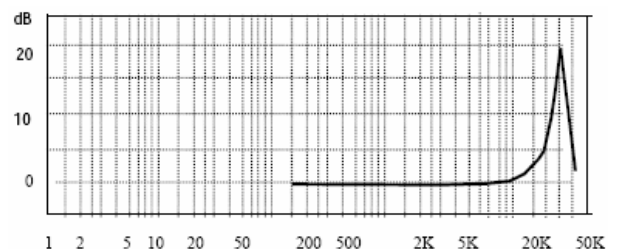
Axes Sensitivity (20±5 deg C)	2 pC/g
Max Transverse Sensitivity	<= 3 %
Frequency Response (5%)	1 - 8000kHz
Resonance Frequency	40,000 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10 ¹⁰ Ω
Capacitance	~ 360 Pf

Environment/Physical Characteristics

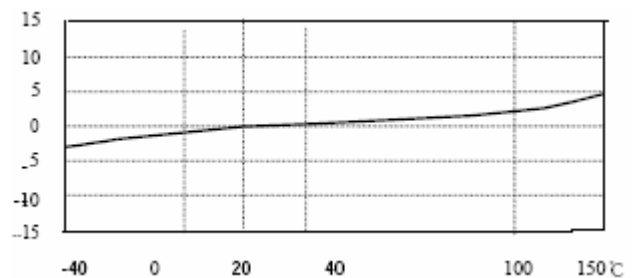
Temperature Range	-40 to +150 °C
Shock Limit	5000g
Temperature Sensitivity	50mg/°C (0.3Hz)
Magnetic Field Sensitivity	1.5g/T
Weight	25g
Case Material	Stainless steel
Mounting	M5 Screw
Piezo Material	BST
Structure	Center compression
Output Connection	L5
Included Accessories	Calibration sheet M5, M5/M8 Screw L5 STYV-1 cable (2m)



The AO122 Charge Accelerometer is a standard accelerometer used in the calibration of sensors and other vibration test equipment.



Frequency Response Curve



Temperature Curve

Product information:
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