



Applications

- Seismology
- Earthquake monitoring
- Passive seismic monitoring
- Deep level exploration
- Geotechnical monitoring

Features

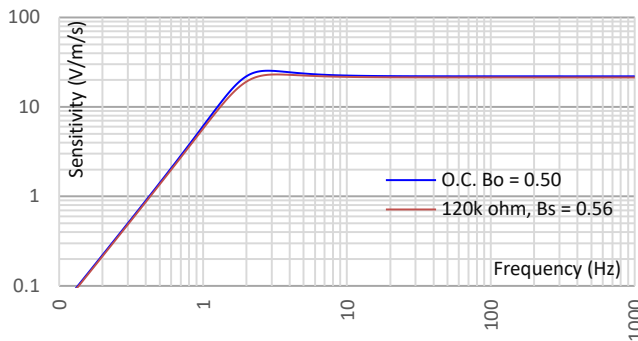
- Rugged design with rotating-coil contacts
- Very low frequency
- Small form factor compared to seismometer

Specifications

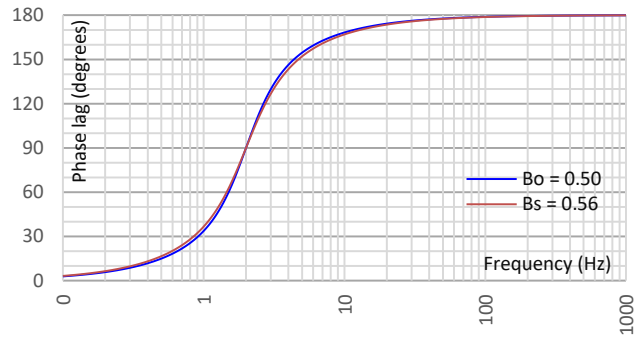
Frequency [Hz]	2 ±20%	Maximum tilt angle [°]	0
O.C. Damping	0.500 ±20%		
O.C. Sensitivity [V/m/s]	22 ±20%		
Resistance [Ω]	3600 ±10%	Dimensions [mm]	∅25.4 x 40.5
Moving mass [g]	2.7	Weight [g]	81
Max coil excursion p.p. [mm]	4	Operating temperature [°C]	-40 to 70
Shunt for 0.7 damping [Ω]	120k	Warranty ¹	1 year
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz			≤ 0.9%

All parameters are specified at +20°C in the working position unless stated otherwise
¹ Warranty excludes damage caused by high voltage and physical damage to the element case

Response



Phase

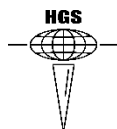


Ordering information

Part	Description	Working position	Polarity
SG000512	HG-6 LF U 2 Hz 3600 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000513	HG-6 LF H 2 Hz 3600 ohm	Horizontal	Tap on the bottom gives positive signal

Contact

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