



Applications

- Bearing vibration monitoring
- Industrial applications
- Critical turbo machinery
- Absolute vibration measurements
- High temperature environment

Features

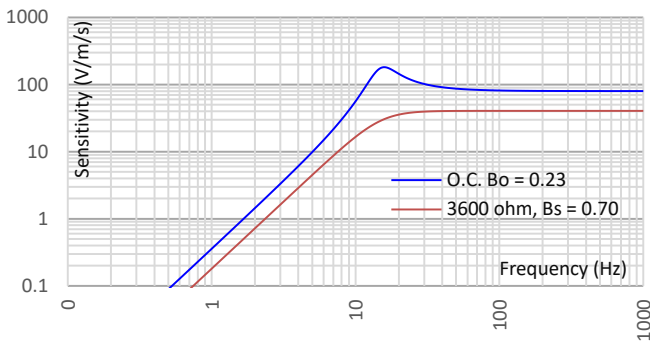
- Rugged design with rotating-coil contacts
- Orientation vertical to horizontal
- High sensitivity
- High temperature

Specifications

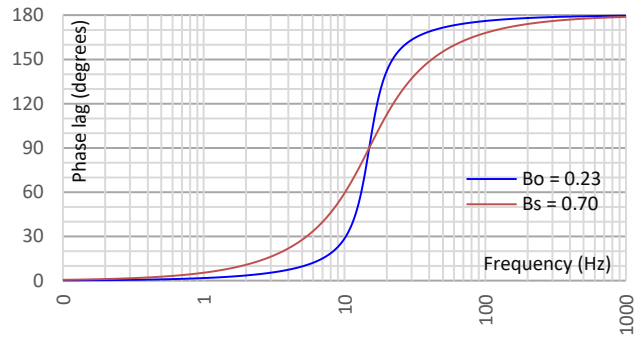
Frequency [Hz]	15 ±5%	Maximum tilt angle [°]	90
O.C. Damping	0.226 ±5%		
O.C. Sensitivity [V/m/s]	80 ±5%		
Resistance [Ω]	3500 ±5%	Dimensions [mm]	∅25.4 x 36
Moving mass [g]	10.1	Weight [g]	90
Max coil excursion p.p. [mm]	4	Operating temperature [°C]	-40 to 200
Shunt for 0.7 damping [Ω]	3600	Warranty ¹	3 months
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 15 Hz			≤ 0.5%

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

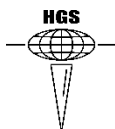


Ordering information

Part	Description	Working position	Polarity
SG000166	HG-6HS YB 15 Hz 3500 ohm HT	Vertical to horizontal	Tap on the pins gives positive signal

Contact

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