

**Applications**

- Bearing vibration monitoring
- Industrial applications
- Critical turbo machinery
- Hydro electric and wind turbines

**Features**

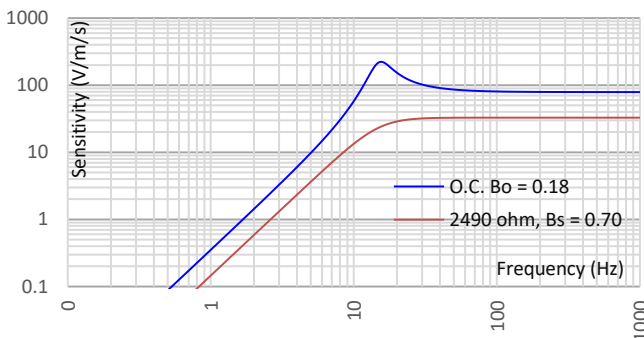
- Rugged design with rotating-coil contacts
- High sensitivity
- Orientation vertical to horizontal

**Specifications**

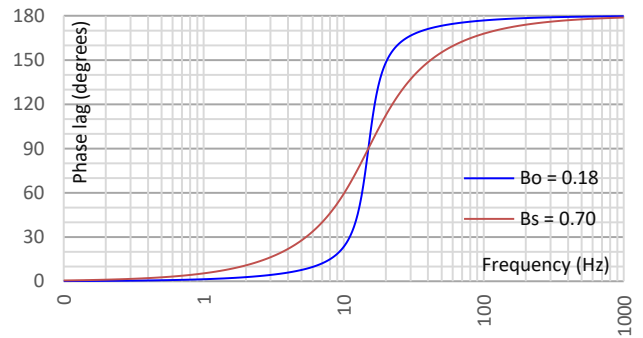
Frequency [Hz]	15 ±5%	Maximum tilt angle [°]	90
O.C. Damping	0.180 ±5%		
O.C. Sensitivity [V/m/s]	79 ±5%		
Resistance [Ω]	3500 ±5%	Dimensions [mm]	∅25.4 x 36
Moving mass [g]	10.6	Weight [g]	81
Maximum coil excursion p.p. [mm]	4	Operating temperature [°C]	-40 to 100
Shunt for 0.7 damping [Ω]	2490	Warranty <sup>1</sup>	2 year
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  
<sup>1</sup> Warranty excludes damage caused by high voltage and physical damage to the element case

**Response**



**Phase**

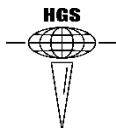


**Ordering information**

Part	Description	Working position	Polarity
SG000094	HG-6 YB 15 Hz 3500 ohm	Vertical to horizontal	Tap on the pins gives positive signal

**Contact**

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