



Applications

2D and 3D Seismic exploration

Features

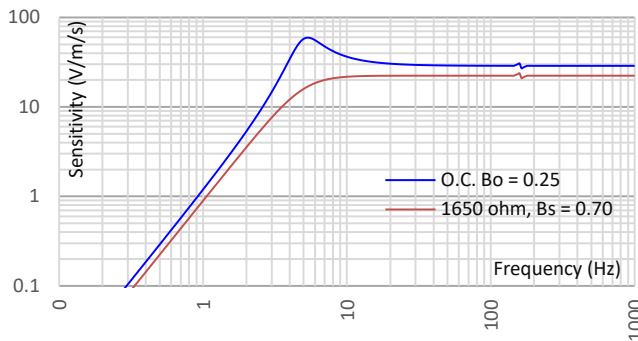
- Rugged design with rotating-coil contacts
- Low natural frequency
- Ideal for 12 geophones in series

Specifications

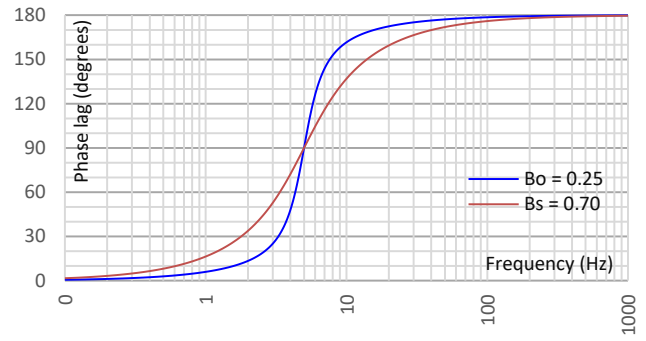
| | | | |
|------------------------------|-------------|--|--------------|
| Frequency [Hz] | 5 ±7.5% | Typical spurious frequency [Hz] | > 150 |
| O.C. Damping | 0.250 ±7.5% | Maximum tilt angle [°] | 10 |
| O.C. Sensitivity [V/m/s] | 28.8 ±5% | Dimensions [mm] | ø26.7 x 39.3 |
| Resistance [Ω] | 475 ±5% | Weight [g] | 103 |
| Moving mass [g] | 13.7 | Operating temperature [°C] | -40 to 100 |
| Max coil excursion p.p. [mm] | 3 | Warranty ¹ | 2 years |
| Shunt for 0.7 damping [Ω] | 1650 | Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz | ≤ 0.1% |

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

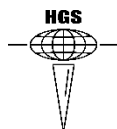


Ordering information

| Part | Description | Working position | Polarity |
|----------|---------------------|--------------------|---------------------------------------|
| SG000608 | HG-5 U 5 Hz 475 ohm | Vertical (pins up) | Tap on the pins gives positive signal |

Contact

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