



Applications

- 2D and 3D Seismic exploration
- Land nodal systems
- Acoustic sensing

Features

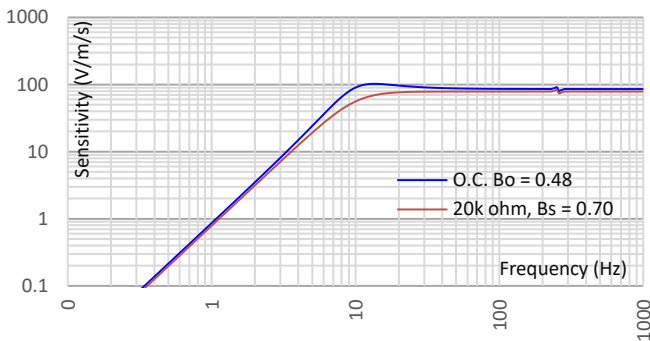
- Rugged design with rotating-coil contacts
- Allows 2ms / 24bit recording
- Sensitivity equals to four regular geophones
- 70% damped with 20kΩ input impedance system
- Less deployment time / low maintenance

Specifications

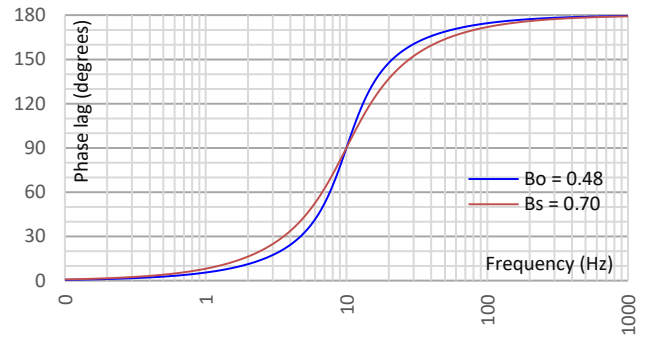
Frequency [Hz]	10 ±3.5%	Typical spurious frequency [Hz]	> 240
O.C. Damping	0.475 ±3.5%	Maximum tilt angle vertical / horizontal [°]	10 / 0
O.C. Sensitivity [V/m/s]	85.8 ±3.5%	Dimensions [mm]	∅26.7 x 32
Resistance [Ω]	1800 ±3.5%	Weight [g]	74
Moving mass [g]	11.8	Operating temperature [°C]	-40 to 100
Max coil excursion p.p. [mm]	2	Warranty ¹	3 years
Requird system input impedance	20k	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

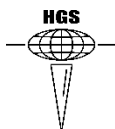


Ordering information

Part	Description	Working position	Polarity
SG000147	HG-24HS U 10 Hz 1800 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000089	HG-24HS H 10 Hz 1800 ohm	Horizontal	Tap on the bottom gives positive signal

Contact

India
 HGS (India) Ltd
 Tel : +91-11-46066604
www.hgsindia.com



The Netherlands
 HGS Products B.V.
 Tel : +31 708200820
www.hgsproducts.nl

