

Applications

Strong-motion surveys

Features

Rugged design with rotating-coil contacts

4mm peak to peak coil excursion

High tilt tolerance

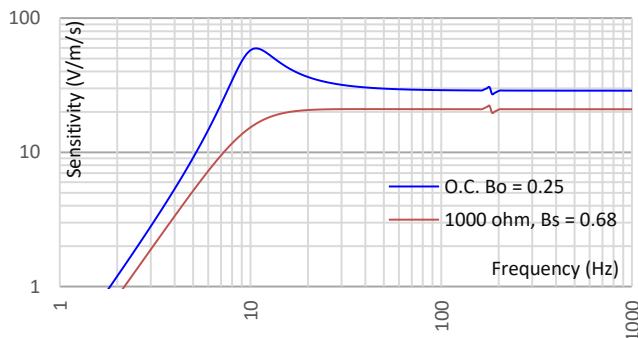
Specifications

Frequency [Hz]	10 ±5%	Maximum tilt angle [°]	25
O.C. Damping	0.250 ±5%	Typical spurious frequency [Hz]	170
O.C. Sensitivity [V/m/s]	28.8 ±5%	Dimensions [mm]	∅25.4 x 36
Resistance [Ω]	375 ±5%	Weight [g]	81
Moving mass [g]	11.1	Operating temperature [°C]	-40 to 100
Maximum coil excursion p.p. [mm]	4	Warranty ¹	2 year
Shunt for 0.7 damping [Ω]	1000	Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz	≤ 0.2%

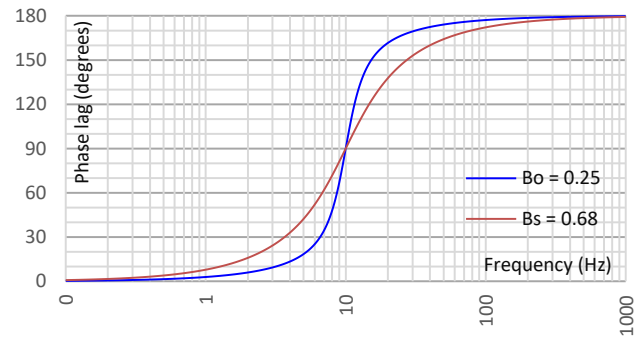
All parameters are specified at +20°C in the working position unless stated otherwise

¹ Warranty excludes damage caused by high voltage and physical damage to the element case

Response



Phase

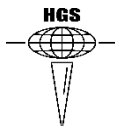


Ordering information

Part	Description	Working position	Polarity
SG000084	HG-6 UB 10 Hz 375 ohm	Vertical (pins up)	Tap on the pins gives positive signal
SG000091	HG-6 HB 10 Hz 375 ohm	Horizontal	Tap on the bottom gives positive signal
SG000139	HG-6 SB 10 Hz 375 ohm	Standard vertical (pins down)	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

