

**Applications**

Strong-motion surveys

**Features**

Rugged design with rotating-coil contacts

4mm peak to peak coil excursion

High tilt tolerance

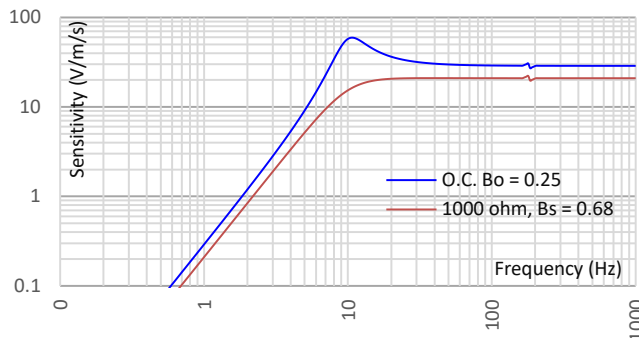
**Specifications**

Frequency [Hz]	10 ±5%	Typical spurious frequency [Hz]	> 170
O.C. Damping	0.250 ±5%	Maximum tilt angle frequency vert. / horz. [°]	25 / 0
O.C. Sensitivity [V/m/s]	28.8 ±5%	Maximum tilt angle distortion vert. / horz. [°]	20 / 0
Resistance [Ω]	375 ±5%	Dimensions [mm]	∅25.4 x 36
Moving mass [g]	11.1	Weight [g]	81
Max coil excursion p.p. [mm]	4	Operating temperature [°C]	-40 to 100
Shunt for 0.7 damping [Ω]	1000	Warranty <sup>1</sup>	2 year
Distortion with 17.78 mm/s p.p. coil-to-case velocity at 12 Hz			≤ 0.2%

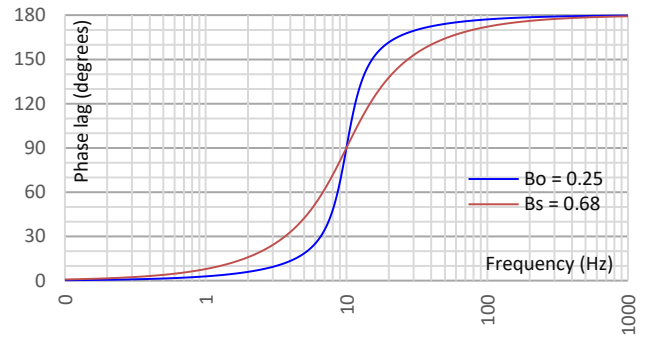
All parameters are specified at +20°C in the working position unless stated otherwise

<sup>1</sup> Warranty excludes damage caused by high voltage and physical damage to the element case

**Response**



**Phase**

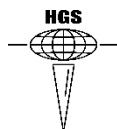


**Ordering information**

Part	Description	Working position	Polarity
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**

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