

Data Sheet of 3Hz Geophone

Type	ST-3
Natural Frequency (Hz)	3±10%
Sensitivity/G (v/cm.s-1)	2±10%
Coil Resistance/ Rc(Ω)	6040±5%
Internal Resistance/ R(Ω)	5650±5%
Damping Coefficient Bt	0.7±10%
Harmonic Distortion D (%)	≅ 0.2
Insulating Resistance Ri (MΩ)	≧ 20
Coil's Maximum Displacement /P-P (mm)	3
Suspension Mass (g)	60
Element Diameter (mm)	38.5
Element Height (mm)	47
Element Weight (g)	250
Working Temperature(°C)	-25°C to + 55°C
Working Direction	Vertical / Horizontal / Three-component
• All parameters specified herein are rated at a temperature 20°C±2°C. • 1-year limited warranty on basic element exclusive of high voltage, lightening or physical abuse.	