DT-HP202(P/N:611300100)



Geophone Element

High quality, reliable and cost effective

3 years limited warranty

2-D and 3-D seismic application

Suitable for land, transition zone, marsh and shallow water environments with different cases

Specifications (all parameters are specified at + 20° C)

| Tolerance ± 2.5% Max. Tilt Angle for Specified (Fn) 15° Typical Spurious Frequency >240 Hz Distortion Distortion with 0.7 in/s p.p. Coil to Case Velocity <0.075% Distortion Measurement Frequency 12 Hz Max. Tilt Angle for Distortion Specification 15° Damping Typical Open Circuit Damping 0.68 Tolerance ± 5% Coil Resistance Standard 350 ohm Tolerance ± 3.5% Sensitivity Sensitivity 22.8 V/m/s Tolerance ± 2.5% Physical Moving Mass 8.4 g Characteristics Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g Operating Temperature Range -40° C to +90° C | Frequency | Natural Frequency (Fn) | 10 Hz |
|---|-----------------|---|------------------|
| Typical Spurious Frequency >240 Hz Distortion Distortion with 0.7 in/s p.p. Coil to Case Velocity <0.075% Distortion Measurement Frequency 12 Hz Max. Tilt Angle for Distortion Specification 15° Damping Typical Open Circuit Damping 0.68 Tolerance ±5% Coil Resistance Standard 350 ohm Tolerance ±3.5% Sensitivity Sensitivity 22.8 V/m/s Tolerance ±2.5% Physical Characteristics Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | | Tolerance | ± 2.5% |
| Distortion Distortion with 0.7 in/s p.p. Coil to Case Velocity Distortion Measurement Frequency Max. Tilt Angle for Distortion Specification Typical Open Circuit Damping Tolerance Standard Tolerance Standard Tolerance \$2.8 V/m/s Sensitivity Physical Characteristics Maximum Coil Excursion p.p. Diameter Height Weight Value Valu | | Max. Tilt Angle for Specified (Fn) | 15° |
| Distortion Measurement Frequency Max. Tilt Angle for Distortion Specification 15° Damping Typical Open Circuit Damping 0.68 Tolerance ± 5% Coil Resistance Standard 350 ohm Tolerance ± 3.5% Sensitivity Sensitivity 22.8 V/m/s Tolerance ± 2.5% Physical Characteristics Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | | Typical Spurious Frequency | >240 Hz |
| Max. Tilt Angle for Distortion Specification 15° Damping Typical Open Circuit Damping 0.68 Tolerance ± 5% Coil Resistance Standard 350 ohm Tolerance ± 3.5% Sensitivity Sensitivity 22.8 V/m/s Tolerance ± 2.5% Physical Characteristics Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | Distortion | Distortion with 0.7 in/s p.p. Coil to Case Velocity | <0.075% |
| Damping Typical Open Circuit Damping 0.68 Tolerance ± 5% Coil Resistance Standard 350 ohm Tolerance ± 3.5% Sensitivity Sensitivity 22.8 V/m/s Tolerance ± 2.5% Physical Characteristics Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | | Distortion Measurement Frequency | 12 Hz |
| Tolerance | | Max. Tilt Angle for Distortion Specification | 15° |
| Coil Resistance Standard 350 ohm Tolerance ± 3.5% Sensitivity 22.8 V/m/s Tolerance ± 2.5% Physical Characteristics Moving Mass 8.4 g Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | Damping | Typical Open Circuit Damping | 0.68 |
| Tolerance | | Tolerance | ± 5% |
| Sensitivity 22.8 V/m/s Tolerance ± 2.5% Physical Characteristics Moving Mass 8.4 g Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | Coil Resistance | Standard | 350 ohm |
| Tolerance ± 2.5% Physical Characteristics Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | | Tolerance | ± 3.5% |
| Physical Characteristics Moving Mass 8.4 g Maximum Coil Excursion p.p. 1.78 mm Diameter 27.4 mm Height 30.15 mm Weight 78 g | Sensitivity | Sensitivity | 22.8 V/m/s |
| Characteristics Maximum Coil Excursion p.p. Diameter Height Weight 1.78 mm 27.4 mm 30.15 mm 78 g | | Tolerance | ± 2.5% |
| Diameter 27.4 mm Height 30.15 mm Weight 78 g | | Moving Mass | 8.4 g |
| Height 30.15 mm Weight 78 g | | Maximum Coil Excursion p.p. | 1.78 mm |
| Weight 78 g | | Diameter | 27.4 mm |
| | | Height | 30.15 mm |
| Operating Temperature Range -40° C to +90° C | | Weight | 78 g |
| | | Operating Temperature Range | -40° C to +90° C |

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

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.



