



DESCRIPTION

The CD350 is a high performance 1.75-inch diaphragm ceramic compression driver with a 1.0 inch exit throat. The diaphragm is precision formed from polyester. The voice coil assembly is designed using high temperature Kapton former, rectangular profile copper clad aluminum wire and assembled using advanced, specially formulated adhesives.



FEATURES

- 1.75-inch Diaphragm, 1-inch Exit Throat / Polyester Compression Driver
- 100W continuous program power handling
- Frequency range: 1200Hz 20kHz
- 2-slot optimized geometry phase plug
- Polyester diaphragm
- Vented suspension system
- Compact ceramic magnet assembly



TECHNICAL SPECIFICATIONS

| Related Impedance:8 ohmProgram Power (watt):100 WPower handling capacity (watt):50 WSensitivity:108 dBFrequency range:120 - 20000 HzDiaphragm Material:PolyesterSuspension Material:PolyesterSuspension Material:PolyesterSuspension Design:FlatMinimum Impedance (ohm):6.50 ohmVoice Coil Dameter:1.75 inch / 44 mmVoice Coil Dameter:1.75 inch / 44 mmVoice Coil Dameter:1.75 inch / 44 mmVoice Coil Former Design:Straight - KaptonNumber of Iayers:016 TPhase Plug Design:2 slotPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThele - small parametersBI factor (BI) (T x m):Abunting:3 v 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:123 kg / 271 lbsSizeWeight:135 inchesPackage Height:80 mm / 3.15 inchesPackage Height:137 mm / 5.39 inchesPackage Weight:135 kg / 2.98 lbs | General specifications | Exit Throat Diameter: | 1.0 inch / 25 mm |
|---|---------------------------|---------------------------------|--------------------------------|
| Power handling capacity (watt):50 WSensitivity:108 dBFrequency range:120 - 2000 HzDiaphragm Material:PolyesterSuspension Design:FlatMinimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Jameter:1.84Minimum Impedance (ohm):5.50 ohmVoice Coil Jameter:1.84Voice Coil Jameter:2.50Number of Iayers:1Kind of Jayers:1.84Phase Plug Design:2.50Phase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (Bl) (T x m):Mounting informationsOverall diameter:Overall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height:Package Width:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Related Impedance: | 8 ohm |
| Sensitivity:108 dBFrequency range:1200 - 20000 HzDiaphragm Material:PolyesterSuspension Material:PolyesterSuspension Material:PolyesterMinimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Former Design:Straight - KaptonNumber of layers:outsideFlux Density:16Phase Plug Design:2 slotPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (BI) (T x m):Mounting InformationsOverall diameter:Overall height:50 mm / 1.97 inchesMounting:YesStandard complianceCE marking:Standard complianceCE marking:Shipping InformationsPackage Height:Package Depth:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Program Power (watt): | 100 W |
| Frequency range:1200 - 20000 HzDiaphragm Material:PolyesterSuspension Material:PolyesterSuspension Design:FlatMinimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:1.6 TPhase Plug Design:2 slotPhase Plug Design:2 slotPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThele - small parametersBl factor (BI) (T x m):Mounting InformationsOverall diameter: Mounting:Standard complianceCE marking:Standard complianceCE marking:Standard compliancePackage Height: Package Width: Package Depth:Shipping InformationsPackage Height: Package Depth:Star m / 5.39 inches Package Depth:137 mm / 5.39 inches | | Power handling capacity (watt): | 50 W |
| Diaphragm Material:PolyesterSuspension Material:PolyesterSuspension Design:FlatMinimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Diameter:1Number of layers:1Number of layers:1Kind of layers:outsideFlux Density:1.6 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeCeramicCeramicThele - small parametersBl factor (BI) (T x m):6.70 T x mOverall diameter:Mounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:Slipping informationsPackage Height:Package Width:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Sensitivity: | 108 dB |
| Suspension Material:PolyesterSuspension Design:FlatMinimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:105Phase Pilug Design:2 slotPhase Pilug Design:2 slotPhase Pilug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (Bl) (T x m):Overall diameter:102 mm / 4.02 inchesOverall diameter:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:80 mm / 3.15 inchesPackage Width:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Frequency range: | 1200 - 20000 Hz |
| Suspension Design:FlatMinimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:6.7Phase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter:Overall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:Shipping informationsPackage Height:Package Dupth:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Diaphragm Material: | Polyester |
| Minimum Impedance (ohm):6.50 ohmVoice Coil Diameter:1.75 inch / 44 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:1.6 TPhase Plug Design:2 slotPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (Bl) (T x m):6.70 T x mMounting informationsOverall diameter:Overall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:Shipping informationsPackage Height: Package Width:Package Depth:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Suspension Material: | Polyester |
| Voice Coil Diameter:1.75 inch / 44 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:1.6 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (Bl) (T x m):6.70 T x mMounting informationsOverall diameter:Overall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height: Package Width:80 mm / 3.15 inches Package Depth:Size materialPackage Depth:137 mm / 5.39 inches | | Suspension Design: | Flat |
| Voice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:16 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (BI) (T x m):Bl factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter:Overall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:123 kg / 2.71 lbsShipping informationsPackage Height:80 mm / 3.15 inchesPackage Depth:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Minimum Impedance (ohm): | 6.50 ohm |
| Voice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:16 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter:Overall height:50 mm / 4.02 inchesOverall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:SizeWeight:Shipping informationsPackage Height: Package Depth:Bistor (BI) (T x m):137 mm / 5.39 inches 137 mm / 5.39 inches | | Voice Coil Diameter: | 1.75 inch / 44 mm |
| Number of layers:1Kind of layers:outsideFlux Density:16 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (Bl) (T x m):6.70 T x mMounting informationsOverall diameter: Overall height: Mounting:102 mm / 4.02 inches 50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height: Package Uidth: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches 137 mm / 5.39 inches | | Voice Coil Material: | Edgewound Aluminium |
| Kind of layers:outsideFlux Density:1.6 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter:Overall height:50 mm / 4.02 inchesOverall height:50 mm / 1.97 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:SizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches 137 mm / 5.39 inches | | Voice Coil Former Design: | Straight - Kapton |
| Flux Density:1.6 TPhase Plug Design:2 slotPhase Plug Material:PP CompositeMagnetics:CeramicThiele - small parametersBl factor (BI) (T x m):Overall diameter:0.2 mm / 4.02 inchesOverall height:50 mm / 1.97 inchesMounting:CE marking:Standard complianceCE marking:SizeWeight:Neight:1.23 kg / 2.71 lbsShipping informationsPackage Height:Package Width:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Number of layers: | 1 |
| Phase Plug Design: Phase Plug Material: Magnetics:2 slot PP Composite CeramicThiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter: Overall height: Mounting:102 mm / 4.02 inches 50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Height: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches | | Kind of layers: | outside |
| Phase Plug Material: Magnetics:PP Composite CeramicThiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter: Overall height: Mounting:102 mm / 4.02 inches 50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches 137 mm / 5.39 inches | | Flux Density: | 1.6 T |
| Magnetics:CeramicThiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter: Overall height: Mounting:102 mm / 4.02 inches 50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches | | Phase Plug Design: | 2 slot |
| Thiele - small parametersBI factor (BI) (T x m):6.70 T x mMounting informationsOverall diameter: Overall height: Mounting:102 mm / 4.02 inchesSo mm / 1.97 inches Mounting:50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches | | Phase Plug Material: | PP Composite |
| Mounting informationsOverall diameter: Overall height: Mounting:102 mm / 4.02 inches 50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height: Package Uidth: Package Depth:80 mm / 3.15 inches 137 mm / 5.39 inches | | Magnetics: | Ceramic |
| Overall height: Mounting:50 mm / 1.97 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height: Package Uidth:80 mm / 3.15 inches 137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | Thiele - small parameters | BI factor (BI) (T x m): | 6.70 T x m |
| Mounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height: Package Width:80 mm / 3.15 inches 137 mm / 5.39 inches 137 mm / 5.39 inches | Mounting informations | Overall diameter: | 102 mm / 4.02 inches |
| Standard complianceCE marking:YesSizeWeight:1.23 kg / 2.71 lbsShipping informationsPackage Height:80 mm / 3.15 inchesPackage Width:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | | Overall height: | 50 mm / 1.97 inches |
| Size Weight: 1.23 kg / 2.71 lbs Shipping informations Package Height: 80 mm / 3.15 inches Package Width: 137 mm / 5.39 inches Package Depth: 137 mm / 5.39 inches | | Mounting: | 4 x 6 mm threaded holes at 90° |
| Shipping informations Package Height: 80 mm / 3.15 inches Package Width: 137 mm / 5.39 inches Package Depth: 137 mm / 5.39 inches | Standard compliance | CE marking: | Yes |
| Package Width:137 mm / 5.39 inchesPackage Depth:137 mm / 5.39 inches | Size | Weight: | 1.23 kg / 2.71 lbs |
| Package Depth: 137 mm / 5.39 inches | Shipping informations | Package Height: | 80 mm / 3.15 inches |
| | | Package Width: | 137 mm / 5.39 inches |
| Package Weight: 1.35 kg / 2.98 lbs | | Package Depth: | 137 mm / 5.39 inches |
| | | Package Weight: | 1.35 kg / 2.98 lbs |

PART NUMBER

· 15129042

CD350 8ohm



