



15-inch cast aluminium chassis neodymium magnet low frequency loudspeaker

- Advanced temperature control using 3-channel tuned venting system provides highly efficient cooling across the frequency band
- Voice coil typically operates at up to 80°C lower temperature than other leading drivers in this class
- Polysiloxane laminated triple suspension provides much greater stability and improved cone displacement symmetry
- Lead-out wires precision woven into suspension minimises excess motion and reduces fatigue
- Double-sided, weatherproof cone coating enhances durability

3600W
Continuous
power rating

96dB
sensitivity

4.5in
Copper clad
aluminium coil
voice

General Specifications

| | |
|-------------------------|--------------------------------------------------------------|
| Nominal Diameter | 381mm / 15in |
| Power Rating | 1800W |
| Continuous power rating | 3600W |
| Rated impedance | 8 ohm |
| Sensitivity | 96dB |
| Frequency range | 38-1,000Hz |
| Chassis type | Cast aluminium |
| Magnet type | Neodymium |
| Voice coil diameter | 115mm / 4.5in |
| Voice coil material | Copper clad aluminium |
| Former material | Glass Fibre |
| Cone material | Glass loaded cellulose, & water-resistant coating front back |
| Surround material | Triple roll, cloth sealed |
| Suspension | Dual-laminated |
| Gap height (Hg) | 12mm / 0.47in |
| VC winding height (Hvc) | 38mm / 1.5in |

Mounting Information

| | |
|---------------------------|---------------------------|
| Overall diameter | 393mm / 15.5in |
| Overall depth | 210mm / 8.27in |
| Cut-out diameter | 354mm / 13.95in |
| Mounting hole dimensions | 10x7mm / 0.39x0.28in |
| Number of mounting holes | 8 |
| Mounting hole PCD | 367-374mm / 14.45-14.72in |
| Flange & gasket thickness | 11.9mm / 0.47in |
| Unit weight | 11.35kg / 25lb |

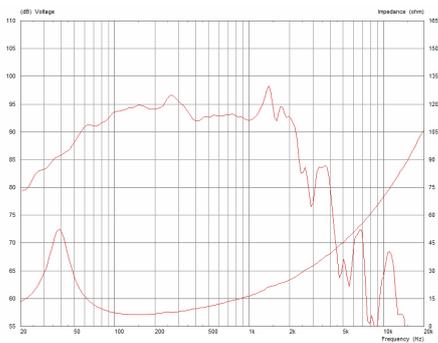
Packed Dimensions & Weight

| | |
|----------------------------|----------------------------------------------------|
| Single pack size W x D x H | 435mm x 435mm x 235mm / x 17.13in 17.13in x 9.25in |
| Single pack weight | 12kg / 26.2lb |

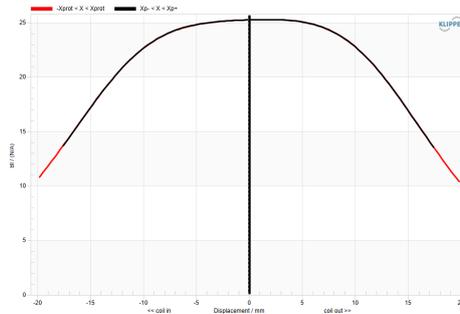
Parameters

| | |
|--------------|----------------------------------------------|
| Sd | 855.3cm ² / 132.57in ² |
| Fs | 39Hz |
| Mms | 187.8g/6.42oz |
| Qms | 5.612 |
| Qes | 0.372 |
| Qts | 0.349 |
| Re | 5.05 ohm |
| Vas | 92.03l / 3.26ft ³ |
| Bl | 25Tm |
| Cms | 0.88mm/N |
| Rms | 8.19kg/s |
| Le (at 1kHz) | 1.83mH |
| Xmax | 16mm / 0.63in |
| Xmech | 76mm / 3in |
| Efficiency | 1.5% |

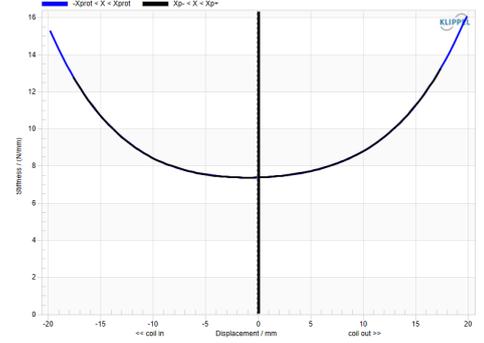
Frequency Response & Impedance



Force Factor BI Symmetry



Stiffness K Symmetry



Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m in 2° anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

Xmech: Maximum peak-to-peak excursion before damage.