

Bass Guitar Speakers

BN15-300X

15-inch neodymium bass guitar speaker



BN15-300X neodymium bass speakers have a lightweight magnet for increased portability and is purpose built to provide 300-watt power handling and a rich warm bass tone.

General Specifications

| | |
|-------------------------|---------------------|
| Nominal Diameter | 381mm / 15in |
| Power Rating | 300W |
| Rated impedance | 4 Ω |
| Sensitivity | 96dB |
| Magnet type | Neodymium |
| Voice coil diameter | 63.5mm / 2.5in |
| Voice coil material | Copper |
| Former material | Polyimide |
| Cone material | Kevlar loaded paper |
| Surround material | Cloth-sealed |
| Frequency range | 42-3500Hz |
| Gap height (Hg) | 8mm / 0.31in |
| VC winding height (Hvc) | 16mm / 0.62in |

Mounting Information

| | |
|----------------------------|-------------------------|
| Cut-out diameter | 351mm / 13.8in |
| Diameter | 385mm / 15.2in |
| Mounting hole dimensions | 9.2x6.2mm / 0.36x0.24in |
| Mounting hole PCD | 369mm / 14.5in |
| Number of mounting holes | 8 |
| Chassis depth (inc gasket) | 116mm / 4.56in |
| Magnet depth | 37mm / 1.44in |
| Overall depth | 152mm / 6in |
| Unit weight | 2.3kg / 5.1lb |

Parameters

| | |
|--------------|--|
| Sd | 855.3cm ² / 132.57in ² |
| Fs | 57.8Hz |
| Mms | 84.24g / 2.97oz |
| Qms | 4.49 |
| Qes | 1.1 |
| Qts | 0.9 |
| Re | 319Ω |
| Vas | 98.7l / 3.48ft ³ |
| Bi | 9.13Tm |
| Cms | 0.09mm/N |
| Rms | 6.42kg/s |
| Le (at 1kHz) | 0.39mH |
| Xmax | 4mm / 0.15in |