15NDL76 Woofers

1000 W continuous program power capacity
76 mm (3 in) copper voice coil
40 - 2000 Hz response
99.5 dB sensitivity

Neodymium magnet allows a very light yet powerful motor assembly
Ventilated voice coil gap for reduced power compression

Specification

Nominal Diameter 380 (15) mm (in)
Nominal Impedance (1) 8 Ohm
Minimum Impedance 6.7 Ohm
Nominal Power Handling (2) 500 W
Continuous Power Handling (3) 1000 W
Sensitivity (1W/1m) (4) 99.5 dB
Frequency Range 40 - 2000 Hz
Voice Coil Diameter 76 (3) mm (in)
Winding Material Copper
Former Material Glass Fibre
Winding Depth 17.5 (11/16) mm (in)
Magnetic Gap Depth 10.5 (0.4) mm (in)
Flux Density 1.25 T

Thiele & Small Parameters

Fs 37 Hz
Re 5.3 Ohm
Qes 0.24
Qms 4.5
Qts 0.22
Vas 195 (6.8) dm³ (ft³)
Sd 855 (132.5) cm² (in²)
Eta Zero 4.1 %
Xmax ±/− 7 mm
Xvar ±/− 9 mm
Mms 96 g
Bl 22.5 Txm
Le 1.5 mH

Mounting and Shipping Info

Overall Diameter 393 mm (15.5 in)
Bolt Circle Diameter 374 mm (14.7 in)
Baffle Cutout Diameter 354 mm (13.9 in)
Depth 171 mm (6.7 in)
Flange and Gasket Thickness 16 mm (5/8 in)
Net Weight 4.6 kg (10.1 lb)
Shipping Weight 5.9 kg (13 lb)
Shipping Box 420x420x200 mm (16.5x16.5x7.9 in)

1 For different impedances, please ask.
2 2 hours test made with continuous pink noise signal (6 dB crest factor).
3 Power calculated on rated minimum impedance.
4 Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
5 Applied RMS Voltage is set to 2.83V for 8 ohms or 2.0V for 4 ohms Nominal Impedance