



15NW100

15 inch low frequency driver

Features:

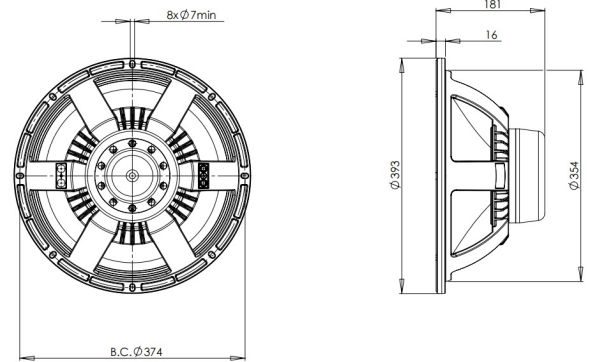
2000 W continuous program power capacity

100 mm (4 in) copper voice coil

35 - 1500 Hz response

SPECIFICATIONS

Nominal Diameter	380 mm (15.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Nominal Power Handling ¹	1000 W
Continuous Power Handling ²	2000 W
Sensitivity ³	97.0 dB
Frequency Range	35 - 1500 Hz
Voice Coil Diameter	100 mm (4.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25.0 mm (1.0 in)
Magnetic Gap Depth	12.0 mm (0.5 in)
Flux Density	1.2 T

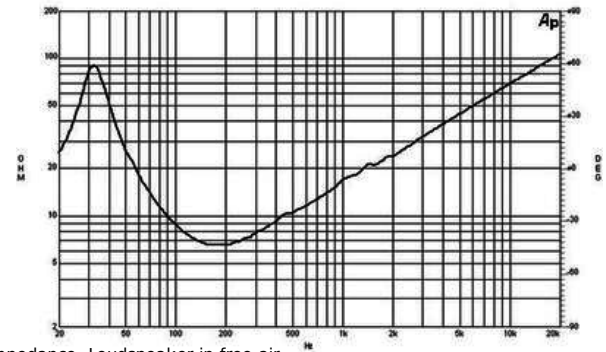
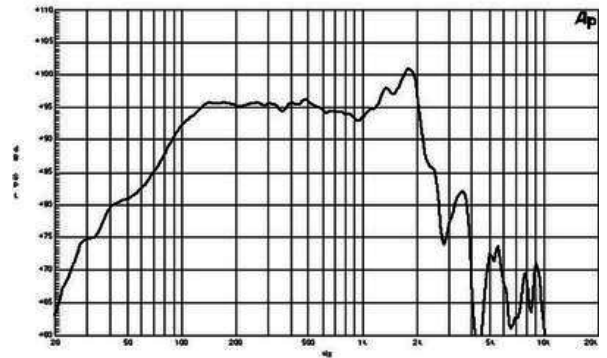


PARAMETERS⁴

Resonance Frequency	33 Hz
Re	5.1 Ω
Qes	0.23
Qms	4.3
Qts	0.22
Vas	139.0 dm ³ (4.9 ft ³)
Sd	855.0 cm ² (132.5 in ²)
η _o	2.1 %
X _{max}	9.0 mm
X _{var}	11.0 mm
M _{ms}	173.0 g
Bl	28.0 Txm
Le	1.9 mH
EBP	143 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354.0 mm (13.9 in)
Depth	181 mm (7.1 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air Volume Occupied by Driver	6.0 dm ³ (0.21 ft ³)
Net Weight	8.6 kg (18.9 lb)
Shipping Units	1
Shipping Weight	9.9 kg (21.83 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)



1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal impedance. Loudspeaker in free air.
 2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
 3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
 4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.