

# 4NDF34

## ND FULL RANGE



**200 W**  
continuous program  
power capacity

**34 mm (1.3 in)**  
copper voice coil

Neodymium magnet  
allows a very light yet  
powerful motor  
assembly

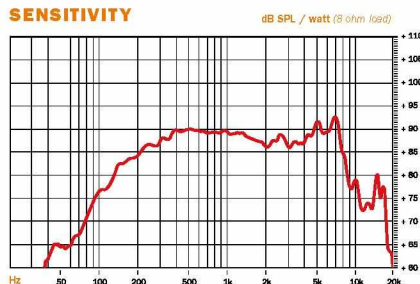
**88 dB**  
sensitivity

**110 - 8000 Hz**  
response

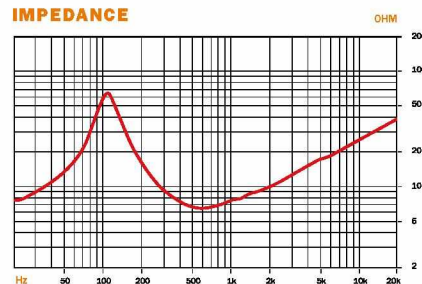
OEM Quantities Only



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	100 mm (4.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	100 W
Continuous Program <sup>2</sup>	200 W
Sensitivity (1W/1m) <sup>3</sup>	88 dB
Frequency Range	110 - 8000 Hz
Voice Coil Diameter	34 mm (1.3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	11 mm (0.43 in)
Magnetic Gap Depth	7 mm (0.28 in)
Flux Density	1.35 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	None

### THIELE & SMALL PARAMETERS<sup>4</sup>

Fs	110 Hz
Re	5.5 Ω
Qes	0.27
Qms	4.2
Qts	0.28
Vas	1.6 dm <sup>3</sup> (0.06 ft <sup>3</sup> )
Sd	57 cm <sup>2</sup> (8.84 in <sup>2</sup> )
η <sub>0</sub>	0.7 %
X max	± 3.8 mm
X var	± 5.7 mm
Mms	6 g
Bl	9.0 T·m
Le	0.23 mH
EBP	407 Hz

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	127 mm (5.0 in)
Bolt Circle Diameter	115 mm (4.53 in)
Baffle Cutout Diameter	103.0 mm (4.06 in)
Depth	66 mm (2.6 in)
Flange and Gasket Thickness	1 mm (0.04 in)
Air volume occupied by driver	0.25 dm <sup>3</sup> (0.01 ft <sup>3</sup> )
Net Weight	0.54 kg (1.19 lb)
Shipping Weight (24 units)	13.1 (28.88 lb)
Shipping Box (24 units)	425 X 335 X 250 mm (16.73 X 13.19 X 9.84 in)

<sup>1</sup> Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

<sup>2</sup> Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 500 to 5000 Hz.

<sup>4</sup> Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.