



8MDN51 LF Drivers - 8 Inches

400 W continuous program power capacity
 51 mm (2 in) copper voice coil
 70 – 4000 Hz response
 98 dB sensitivity
 Neodymium ring magnet assembly
 Ventilated voice coil gap for reduced power compression



Specification

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 ohm
Minimum Impedance	7.7 ohm
Nominal Power Handling (AES)	200 W
Continuous Power Handling	400 W
Sensitivity (1W/1m)	97 dB
Frequency Range	70 - 4000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Aluminium
Former Material	Kapton
Magnet Material	Neodymium Ring
Winding Depth	16 mm (0.62 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.45 T

Parameters

Fs	70 Hz
Re	5.1 ohm
Qes	0.21

Parameters

Qms	3.7
Qts	0.2
Vas	16 dm ³ (0.6 ft ³)
Sd	220 cm ² (34.1 in ²)
EtaZero	2.4 %
Xmax	± 6 mm
Xvar	± 6 mm
Mms	23 g
Bl	15.3 Txm
Le	0.8 mH

Mounting & Shipping

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	94 mm (3.7 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Net Weight	5.6 kg (2.55 lb)

Mounting & Shipping

Shipping Weight	6.5 kg (2.95 lb)
Shipping Box	300x160x180 mm (11.8x6.3x7.1 in)

Design

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Type	Neodymium Ring
Spider	Single
Pole Design	T-Pole

Service kit

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