



## 8MDN51 LF Drivers - 8 Inches

400 W continuous program power capacity  
 51 mm (2 in) aluminium 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
Continuous Power Handling	400 W
Nominal Power Handling (AES)	200 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

### Design

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Type	Neodymium Ring
Spider	Single

### Design

Pole Design	T-Pole
Recommended Enclosure vol	-
Recommended tuning freq.	-

### Parameters

Fs	70 Hz
Re	5.1 ohm
Qes	0.21
Qms	3.7
Qts	0.2
Vas	16 dm <sup>3</sup> (0.6 ft <sup>3</sup> )
Sd	220 cm <sup>2</sup> (34.1 in <sup>2</sup> )
EtaZero	2.4 %
Xmax	+ 6 mm
Xvar	+ 6 mm
Mms	23 g
Bl	15.3 Txm
Le	0.8 mH
EBP	333 Hz

### 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	95 mm (3.74 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air volume occupied by driver	1.1 dm <sup>3</sup> (0.04 ft <sup>3</sup> )
Net Weight	2.55 kg (5.6 lb)
Shipping Weight	2.95 kg (6.5 lb)
Shipping Box	300x160x180 mm (11.8x6.3x7.1 in)

Service kit	RCK008MDN518
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