



5MDN38

LF Drivers - 5 Inches

180 W continuous program power capacity
 38 mm (1.5 in) aluminium voice coil
 160 - 7000 Hz response
 94 dB sensitivity
 Shorting copper cap for extended HF response



Specification

Nominal Diameter	127 mm (5 in)
Nominal Impedance	8 ohm
Minimum Impedance	7.4 ohm
Continuous Power Handling	180 W
Nominal Power Handling (AES)	90 W
Sensitivity (1W/1m)	94 dB
Frequency Range	160 - 7000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Magnet Material	Neodymium Ring
Winding Depth	6.5 mm (0.26 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.15 T

Design

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

Design

Pole Design	Straight Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure volume	-
Recommended tuning frequency	-

Parameters

Fs	162 Hz
Re	5.6 ohm
Qes	0.38
Qms	5.5
Qts	0.35
Vas	1.6 dm ³ (0.06 ft ³)
Sd	95 cm ² (14.7 in ²)
EtaZero	1.7 %
Xmax	+/- 1.8 mm
Xvar	+/- 4 mm
Mms	8 g
Bl	11 Txm

Parameters

Le	0.42 mH
EBP	426 Hz

Mounting & Shipping

Overall Diameter	150 mm (5.9 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122 mm (4.8 in)
Depth	75 mm (2.95 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air volume occupied by driver	0.35 dm ³ (0.01 ft ³)
Net Weight	0.85 kg (1.9 lb)
Shipping Weight	4.7 kg (10.4 lb)
Shipping Box	405x225x210 mm (15.9x8.8x8.3 in)

Service kit	TBA
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