

8FW51

LF Drivers - 8 Inches

400 W continuous program power capacity
 51 mm (2 in) copper voice coil
 70 - 5000 Hz response
 97 dB sensitivity
 Shorting copper cap for extended HF response
 Ventilated voice coil gap for reduced power compression



Specification

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 ohm
Minimum Impedance	7.4 ohm
Continuous Power Handling	400 W
Nominal Power Handling (AES)	200 W
Sensitivity (1W/1m)	97 dB
Frequency Range	70 - 5000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Copper
Former Material	Kapton
Magnet Material	Ceramic Ring
Winding Depth	16.5 mm (0.65 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.35 T

Design

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

Design

Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure volume	12 dm ³ (0.42 ft ³)
Recommended tuning frequency	74 Hz

Parameters

Fs	74 Hz
Re	5.2 ohm
Qes	0.21
Qms	9.3
Qts	0.21
Vas	12 dm ³ (0.42 ft ³)
Sd	220 cm ² (34.1 in ²)
EtaZero	2.1 %
Xmax	+ 6 mm
Xvar	+ 5 mm
Mms	27 g
Bl	17.7 Txm

Parameters

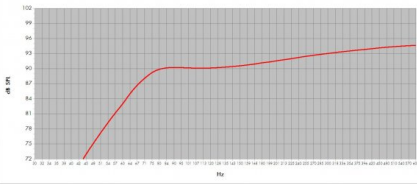
Le	0.56 mH
EBP	352 Hz

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	102 mm (4 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air volume occupied by driver	1.5 dm ³ (0.05 ft ³)
Net Weight	5.3 kg (11.6 lb)
Shipping Weight	5.6 kg (12.3 lb)
Shipping Box	220x220x130 mm (8.7x8.7x5.1 in)

Service kit TBA

Frequency Response [1W/1m]



Model: **87W01**
 Enclosure Type: **Basic Reflex** Configuration: **One Driver**
 Internal Net Volume (liters): **12** GR: **4**
 Spring Frequency (Hz): **74** Port Area (cm²): **43.0**
 Frequency (-3 dB) (Hz): **225.4** Port Length (cm): **12.2**
 Maximum Unfiltered SPL at 1 meter (dB): **116.4** equal to: **200.0** Watts (RMS Band Power Rating)
 Maximum Unfiltered SPL at 1 meter (dB): **116.4** equal to: **200.0** Watts (Peak Band Power Rating)