

12FL76

LF Drivers - 12.0 Inches

800 W continuous program power capacity
76 mm (3 in) aluminium voice coil
50 - 4000 Hz response
97,5 dB sensitivity



Specifications

Nominal diameter	320 mm (12.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.5 Ω
Nominal power handling ¹	400 W
Continuous power handling ²	800 W
Sensitivity (1W/1m) ³	97.5 dB
Frequency range	50 - 4000 Hz
Voice coil diameter	76 mm (3.0 in)
Winding material	Aluminium
Former material	Glass Fibre
Winding depth	17 mm (0.67 in)
Magnetic gap depth	11 mm (0.4 in)
Flux density	1.1 T

Design

Surround shape	Double Roll
Cone shape	Exponential
Spider	Single

Design

Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side
Recommended enclosure	40.0 dm ³ (1.4 ft ³)
Recommended tuning	55 Hz

Parameters⁴

Fs	50 Hz
Re	5.4 Ω
Qes	0.32
Qms	5.8
Qts	0.3
Vas	57.0 dm ³ (2.0 ft ³)
Sd	522.0 cm ² (80.9 in ²)
η_0	2.4 %
Xmax	6.0 mm
Xvar	7.5 mm
Mms	64 g
Bl	18.7 Txm
Le	1.0 mH

Parameters

EBP	156 Hz
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Mounting And Shipping Info

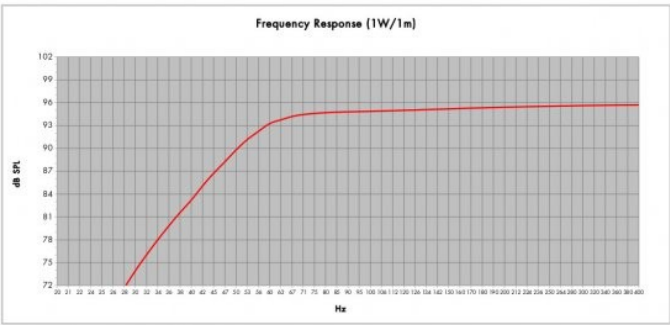
Overall diameter	315 mm (12.4 in)
Bolt circle diameter	298 mm (11.7 in)
Baffle cutout diameter	282.0 mm (11.1 in)
Depth	140 mm (5.5 in)
Flange and gasket thickness	13 mm (0.51 in)
Air volume occupied by driver	3.0 dm ³ (0.1 ft ³)
Net weight	6.9 kg (15.2 lb)
Shipping units	1
Shipping weight	7.7 kg (17.0 lb)
Shipping box	340x340x170 mm (13.4x13.4x6.7 in)

Service Kit

RCK12FL768

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.



Model:	12R75		Configuration:	One Driver	
Enclosure Type:	Bass Reflex				
Internal Net Volume (Liters):	40	Qts:	7		
Tuning Frequency (Hz):	55	Port Area (cm²):	86.0		
Frequency (-3 dB) (Hz):	58.4	Port Length (cm):	12.2		
Excursion Limited Maximum SPL at 1 meter (dB):	119.7	equal to	301.9	Watts (Bass Band Power Rating)	
Thermal Limited Maximum SPL at 1 meter (dB):	121.9	equal to	400.0	Watts (Mid Band Power Rating)	