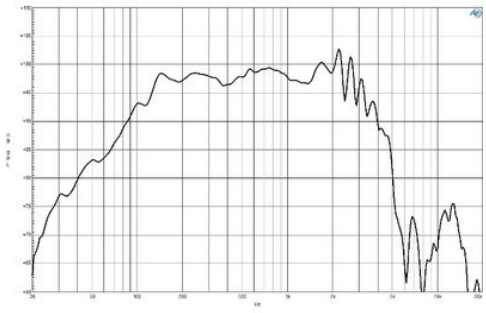

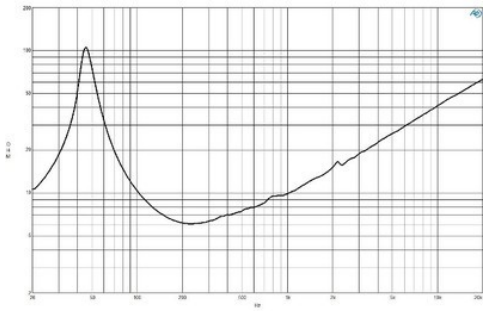

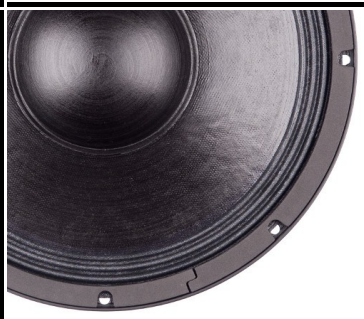

14NDL88

LF Drivers - 14.0 Inches

1400 W continuous program power capacity
88 mm (3.5 in) aluminium voice coil
45 - 3000 Hz response
99 dB sensitivity
Very light yet powerful motor assembly
Aluminium demodulating ring allows a very low distortion figure

Specifications

Nominal diameter	359 mm (14.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.5 Ω
Nominal power handling[1]	700 W
Continuous power handling[2]	1400 W
Sensitivity (1W/1m)[3]	99.0 dB
Frequency range	45 - 3000 Hz
Voice coil diameter	88 mm (3.5 in)
Winding material	Aluminium
Former material	Glass Fibre
Winding depth	21 mm (0.85 in)
Magnetic gap depth	10 mm (0.4 in)
Flux density	1.15 T

Design

Surround shape	Triple Roll
Cone shape	Exponential
Magnet material	Neodymium Inside Slug

Design

Spider	Double Silicone
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side
Recommended enclosure	75.0 dm^3 (2.65 ft^3)
Recommended tuning	53 Hz

Parameters[4]

Fs	45 Hz
Re	5.0 Ω
Qes	0.31
Qms	7.8
Qts	0.3
Vas	102.0 dm^3 (3.6 ft^3)
Sd	707.0 cm^2 (109.6 in^2)
η_0	2.9 %
Xmax	8.0 mm
Xvar	9.5 mm
Mms	86 g
Bl	19.9 Txm

Parameters

Le	1.2 mH
EBP	145 Hz

Mounting And Shipping Info

Overall diameter	359 mm (14.1 in)
Bolt circle diameter	343 mm (13.5 in)
Baffle cutout diameter	323.0 mm (12.72 in)
Depth	167 mm (6.57 in)
Flange and gasket thickness	12 mm (0.47 in)
Air volume occupied by driver	3.5 dm^3 (0.12 ft^3)
Net weight	4.7 kg (10.36 lb)
Shipping units	1
Shipping weight	6.2 kg (13.67 lb)
Shipping box	425x425x225 mm (16.73x16.73x8.86 in)

Service Kit

RCK14NDL88

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.