

15CX40

Coaxials - 15.0 Inches

800 W continuous program power capacity
 80° nominal coverage
 45 - 20000 Hz response
 99 dB sensitivity
 XO-4 dedicated crossover network



Specifications

Nominal diameter	380 mm (15.0 in)
Nominal impedance	8 Ω
Minimum impedance lf	5.8 Ω
Minimum impedance hf	7.9 Ω
Frequency range	45 - 20000 Hz
Dispersion angle ¹	80 °
Magnet material	Ceramic

Specifications LF Unit

LF Sensitivity ²	99.0 dB
LF Nominal Power Handling ³	400 W
LF Continuous Power Handling ⁴	800 W
LF Voice Coil Diameter	76 mm (3.0 in)
LF Winding Material	Aluminium

Specifications HF Unit

HF Sensitivity ⁵	106.0 dB
HF Nominal Power Handling ⁶	80 W
HF Continuous Power Handling ⁷	160 W
HF Voice Coil Diameter	75 mm (3.0 in)

Specifications HF Unit

HF Winding Material	Aluminium
Diaphragm material	Titanium
Recommended crossover ⁸	1.2 kHz

Parameters

Fs	44 Hz
Re	5.1 Ω
Qes	0.46
Qms	6.7
Qts	0.43
Vas	162.0 dm ³ (5.7 ft ³)
Sd	855.0 cm ² (132.5 in ²)
η _o	2.8 %
Xmax	4.5 mm
Xvar	5.5 mm
Mms	84 g
Bl	15.9 Txm
Le	1.1 mH
EBP	95 Hz

Mounting And Shipping Info

Overall diameter	349 mm (15.5 in)
Bolt circle diameter	374 mm (14.7 in)
Baffle cutout diameter	355 mm (14.0 in)
Depth	219 mm (8.6 in)
Flange and gasket thickness	16 mm (0.62 in)
Net weight	12.1 kg (26.6 lb)
Shipping weight	13.5 kg (29.7 lb)
Shipping box	450x450x290 mm (17.7x17.7x11.4 in)

Crossover

Model	XO-4
Filter Type	Two way
Nominal Impedance	8.0 Ω
Low-pass slope	6.0 dB/oct
High-pass slope	12.0 dB/oct
Overall Dimensions	142x107 mm (5.6x4.2 in)
Weight	0.6 kg (1.3 lb)

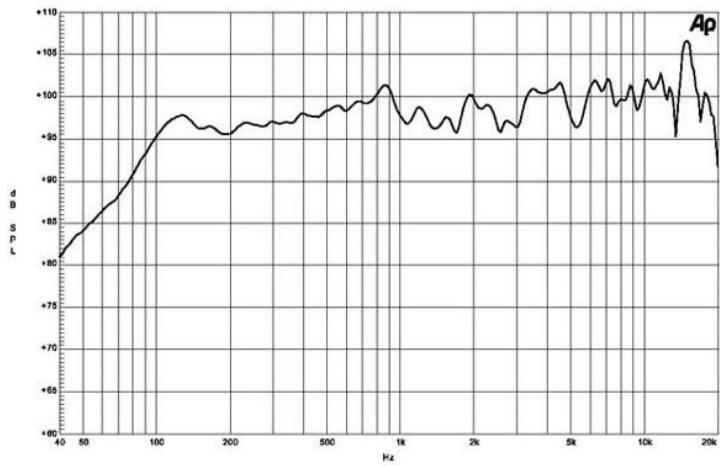
Service Kit

Service kit lf	RCK015CX408
Replacement diaphragm	MMD3A8

1. Included by -6 dB down points.
 2. Applied RMS Voltage is set to 2.83V.

5. Applied RMS Voltage is set to 2.83V.
 6. 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated as stated relative impedance. Loudspeaker is free air.

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



- 5. crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
- 7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- 8. 12 dB/oct. or higher slope high-pass filter.

