5FCX44 8 Ω

- 200 W continuous program power capacity
- 70° nominal coverage
- 60 - 18000 Hz response
- 91 dB sensitivity
- 19 mm (3/4”) HF unit exit diameter





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GENERAL

Nominal Diameter	**127 mm (5 in)**
Nominal Impedance	**8 Ω**
Frequency Range	**60 Hz - 18000 Hz**
Dispersion Angle Included by –6 dB down points.	**70 °**

PARAMETERS

Fs	**61 Hz**
Re	**5.6 Ω**
Qes	**0.25**
Qms	**7.8**
Qts	**0.25**
Vas	**7 dm^3 (0.25 ft^3)**
Sd	**95 cm^2 (14.7 in^2)**
η0	**0.6 %**
Xvar	**5 mm**
Mms	**12 g**
Bl	**10.5 Tm**
Le	**0.8 mH**
EBP	**244 Hz**

SPECIFICATIONS HF UNIT

Nominal Diameter	**127 mm (5 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 Ω**
Nominal Power Handling 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.	**10 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**20 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**107.5 dB**
Recommended Crossover 12 dB/oct. or higher slope high-pass filter.	**2.5 kHz**
Voice Coil Diameter	**25 mm (1 in)**
Winding Material	**Aluminium**
Inductance	**0.1 mH**
Flux Density	**1.65 T**
Diaphragm Material	**Polyester**

SPECIFICATIONS LF UNIT

Nominal Diameter	**127 mm (5 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	**100 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**200 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**91 dB**
Voice Coil Diameter	**44 mm (1.7 in)**
Winding Material	**Copper**
Former Material	**Kapton**
Winding Depth	**9 mm (0.35 in)**
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	**1.07 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

DESIGN

Magnet Material	**Ferrite (LF) - Neodym. Ring (HF)**
Woofer Cone Treatment	**WP Waterproof Front Side**

MOUNTING AND SHIPPING INFO

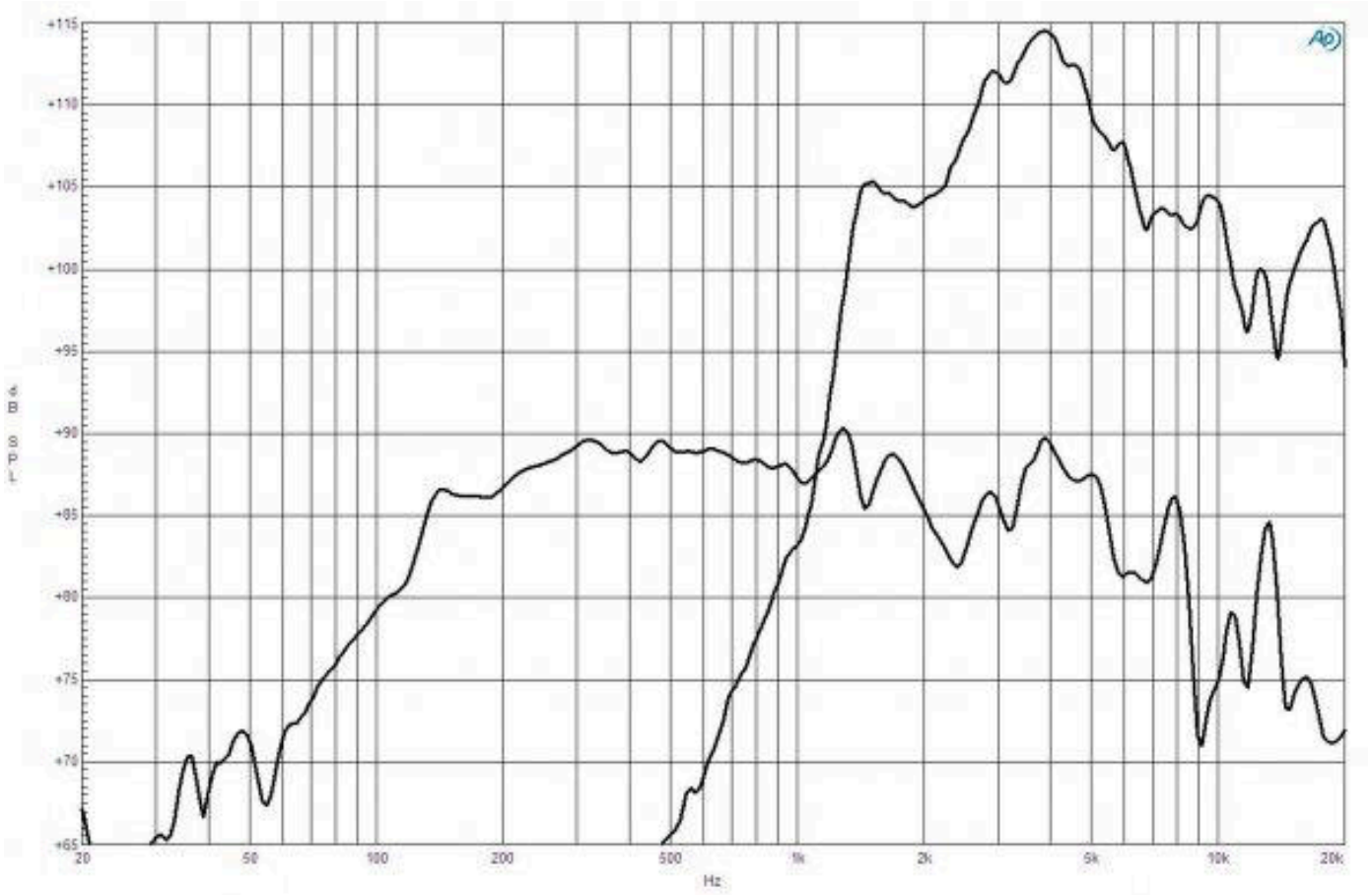
Overall Diameter	**136 mm (5.35 in)**
Bolt Circle Diameter	**142 mm (5.6 in)**
Baffle Cutout Diameter	**122 mm (4.8 in)**
Depth	**110 mm (4.33 in)**
Flange and Gasket Thickness	**8 mm (0.31 in)**
Net Weight	**1.85 kg (4.1 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**2.3 kg (5.07 lb)**
Shipping Box	**255x255x150 mm (10.04x10.04x5.91 in)**

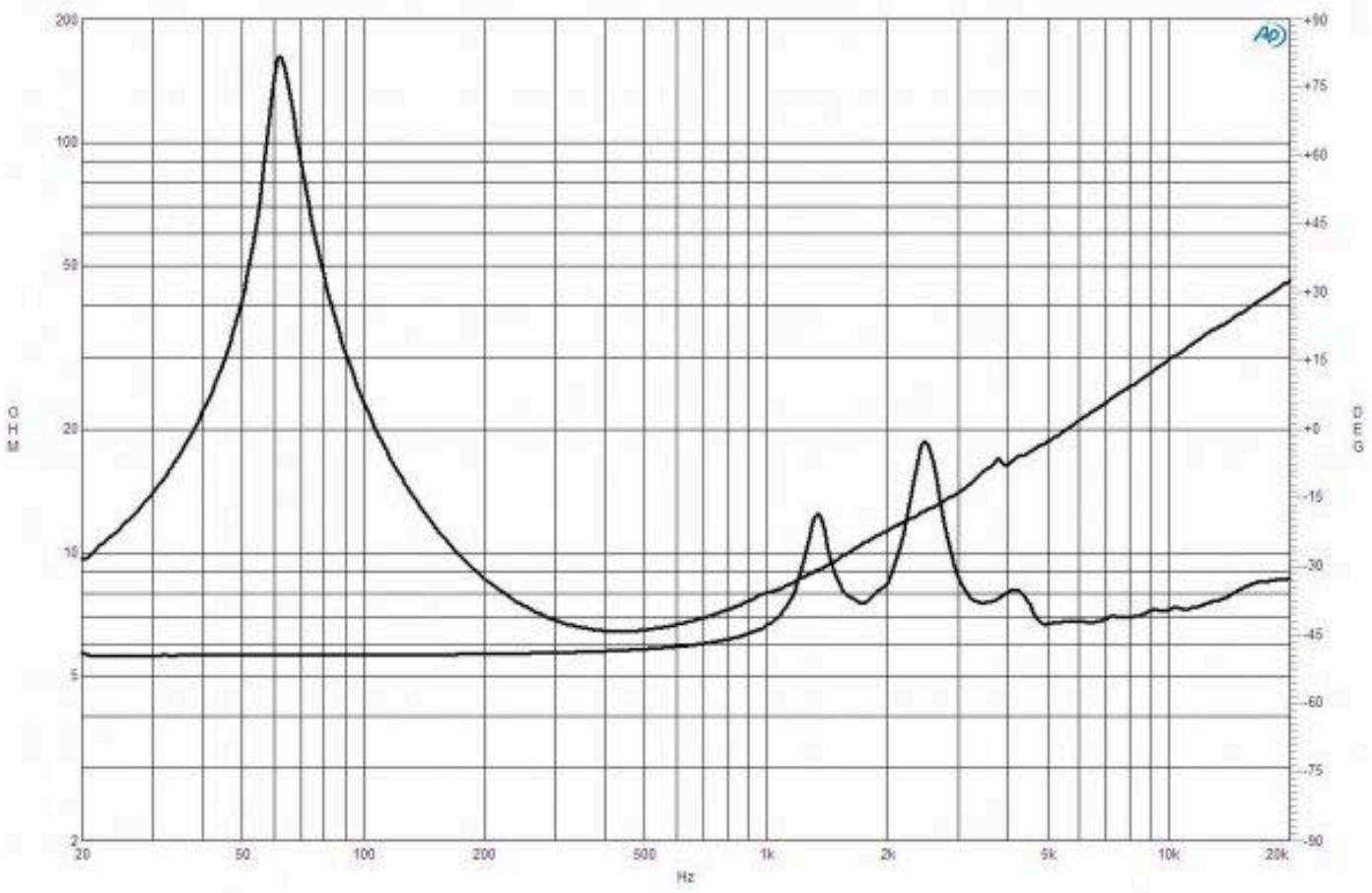
SERVICE KITS

HF replacement-diaphragm	**MMDDE58**
LF recone-kits	**RCK005FCX448**

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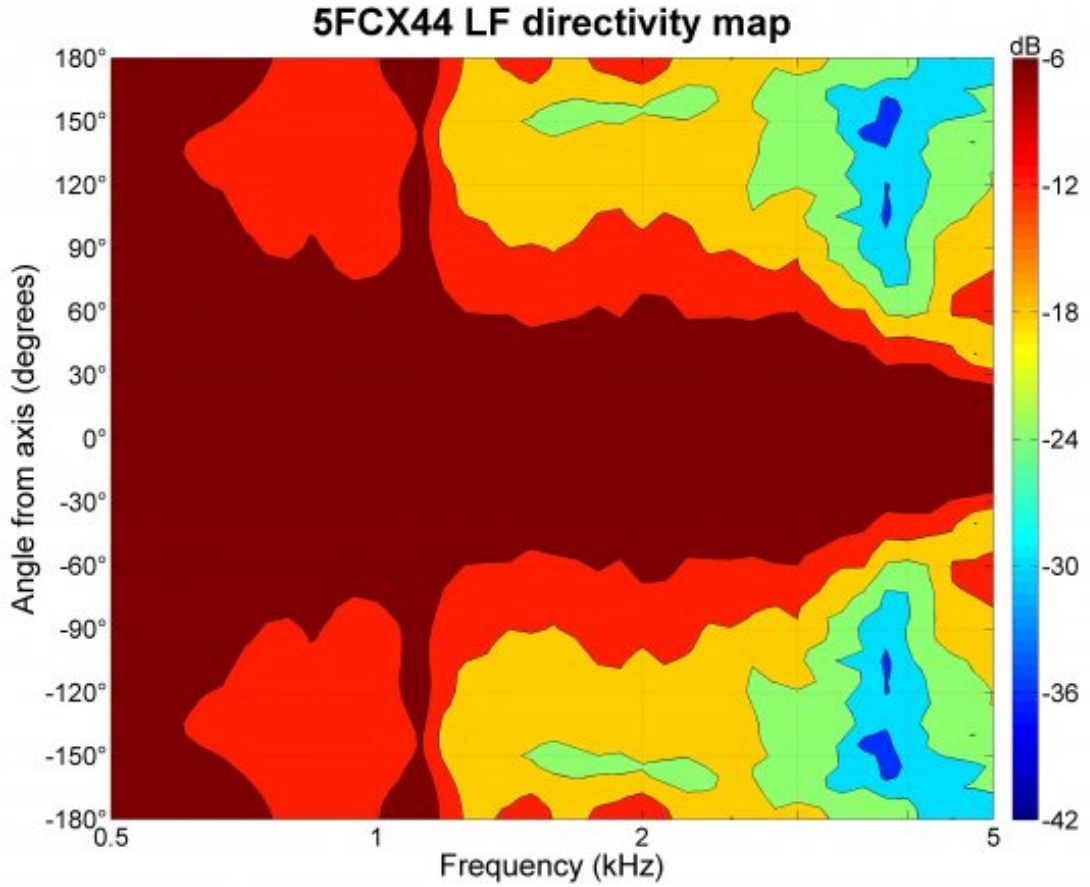
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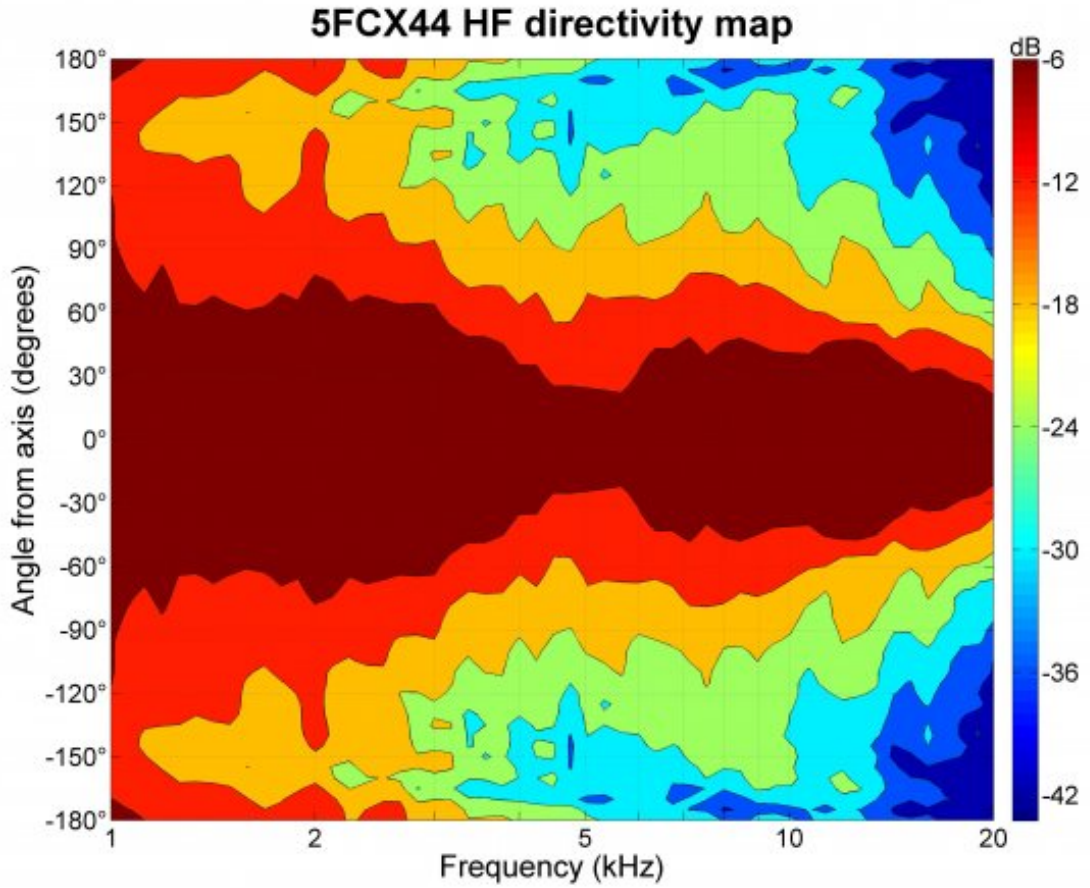




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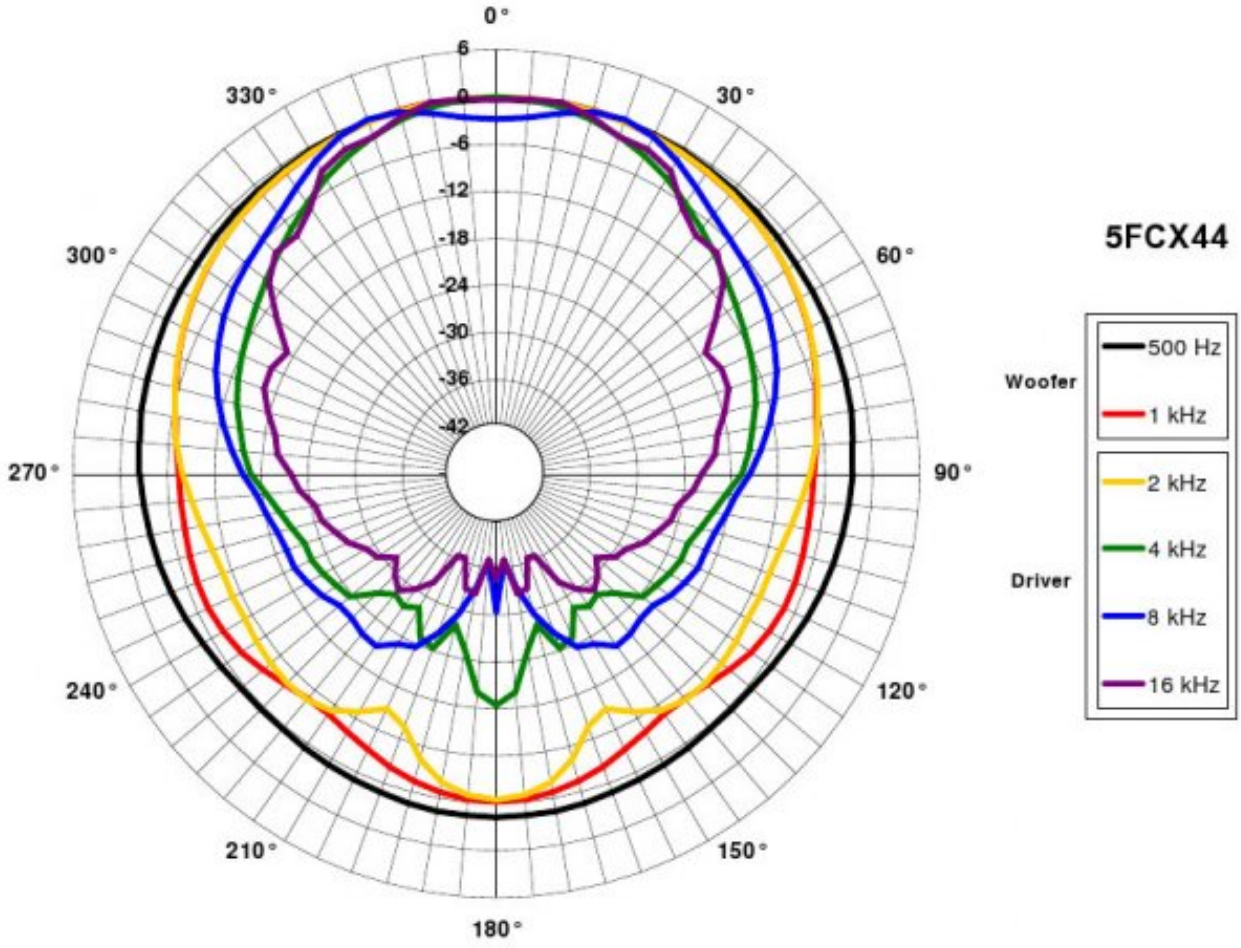
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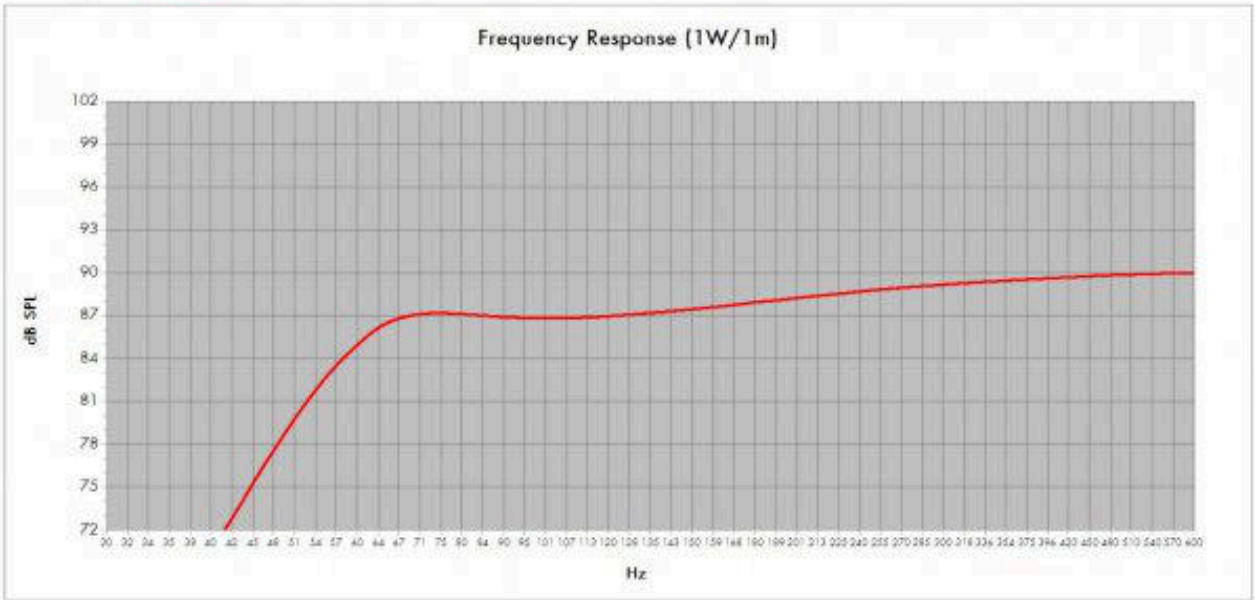


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B&C SPEAKERS



Model:	5FCX44		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	7	QB:	5
Tuning Frequency (Hz):	63	Port Area (cm²):	15,2
Frequency (-3 dB) (Hz):	145,4	Port Length (cm):	12,6

Excursion Limited Maximum SPL at 1 meter (dB): 110,3 equal to 100,0 Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): 110,3 equal to 100,0 Watts (Mid Band Power Rating)

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