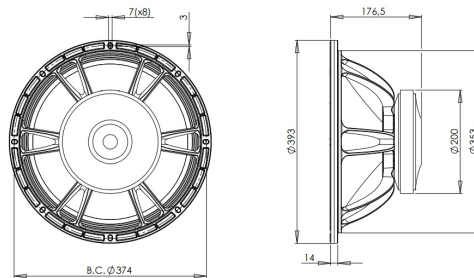


# 15FW76

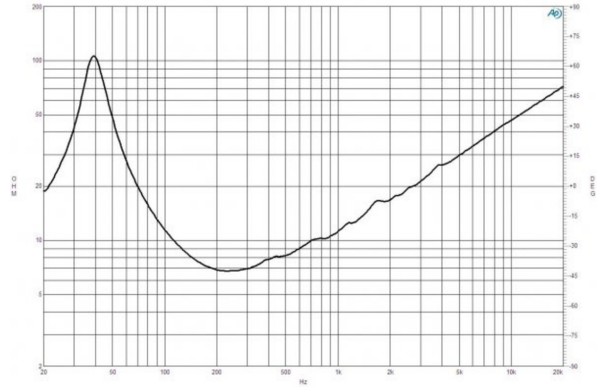
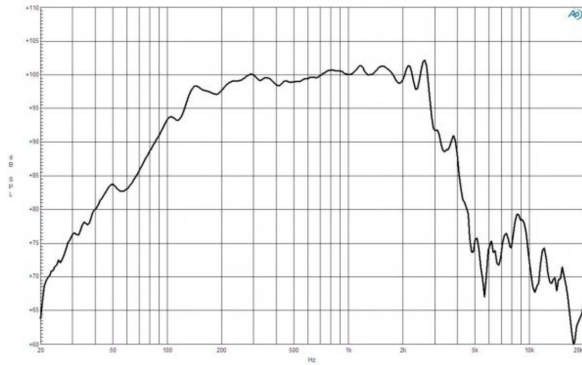
**8Ω****LF Drivers - 15.0 Inches**

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider and ventilated voice coil gap



# 15FW76

LF Drivers- 15.0 Inches



## SPECIFICATIONS

Nominal Diameter	380 mm (15.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
Nominal Power Handling <sup>1</sup>	500 W
Continuous Power Handling <sup>2</sup>	1000 W
Sensitivity <sup>3</sup>	100.0 dB
Frequency Range	40 - 2000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19.0 mm (0.75 in)
Magnetic Gap Depth	11.0 mm (0.43 in)
Flux Density	1.25 T

## DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	80.0 dm <sup>3</sup> (2.82 ft <sup>3</sup> )
Recommended Tuning	50 Hz

## PARAMETERS<sup>4</sup>

Resonance Frequency	40 Hz
Re	5.1 Ω
Qes	0.22
Qms	5.1
Qts	0.21
Vas	138.0 dm <sup>3</sup> (4.9 ft <sup>3</sup> )
Sd	855.0 cm <sup>2</sup> (132.5 in <sup>2</sup> )
η <sub>o</sub>	3.9 %
Xmax	± 7.0 mm
Xvar	± 8.0 mm
Mms	117.0 g
Bl	26.2 Txm
Le	1.4 mH
EBP	181 Hz

## MOUNTING AND SHIPPING INFO

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354.0 mm (13.9 in)
Depth	177 mm (6.97 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Horn	5.5 dm <sup>3</sup> (0.19 ft <sup>3</sup> )
Net Weight	9.2 kg (20.2 lb)
Shipping Units	1
Shipping Weight	10.5 kg (23.15 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

## SERVICE KIT

Recone kit	RCK15FW768
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1. 2 hours test made with continuous pink noise signal 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.

B&C Speakers s.p.a.

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