15FW76 8 Ω

Woofer

- 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





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SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.4 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**500 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**100 dB**
Frequency Range	**40 Hz - 2000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**19 mm (0.75 in)**
Magnetic Gap Depth	**11 mm (0.43 in)**
Flux Density	**1.25 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	**40 Hz**
Re	**5.1 Ω**
Qes	**0.22**
Qms	**5.1**
Qts	**0.21**
Vas	**138 dm³ (4.9 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**3.9 %**
Xmax	**7 mm**
Xvar	**8 mm**
Mms	**117 g**
Bl	**26.2 Tm**
Le	**1.4 mH**
EBP	**182 Hz**

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 dm³ (2.82 ft³)**
Recommended Tuning	**50 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.9 in)**
Depth	**177 mm (6.97 in)**
Flange and Gasket Thickness	**14 mm (0.55 in)**
Air Volume Occupied by Driver	**5.5 dm³ (0.19 ft³)**
Net Weight	**9.3 kg (20.5 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**10.6 kg (23.37 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

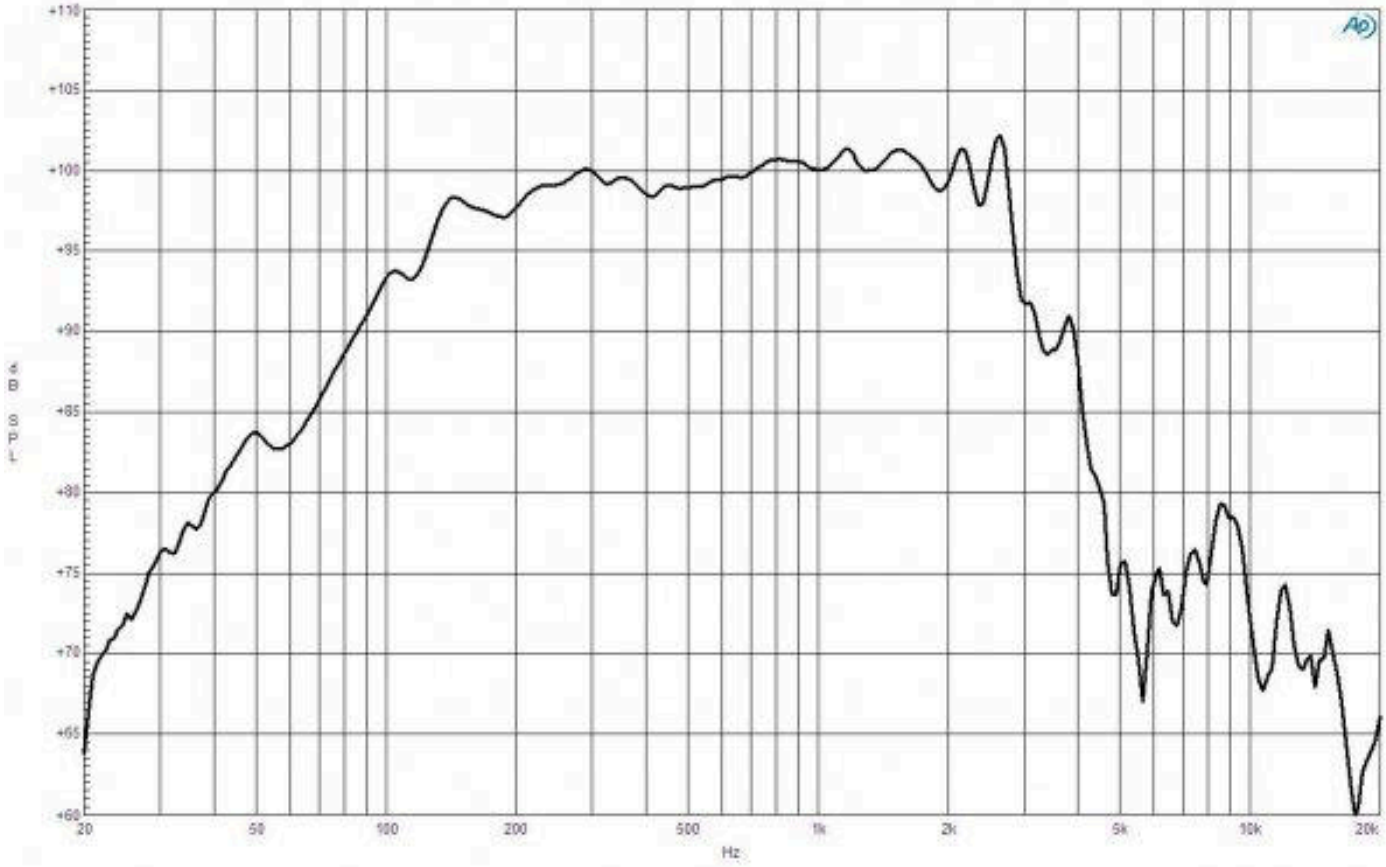
SERVICE KITS

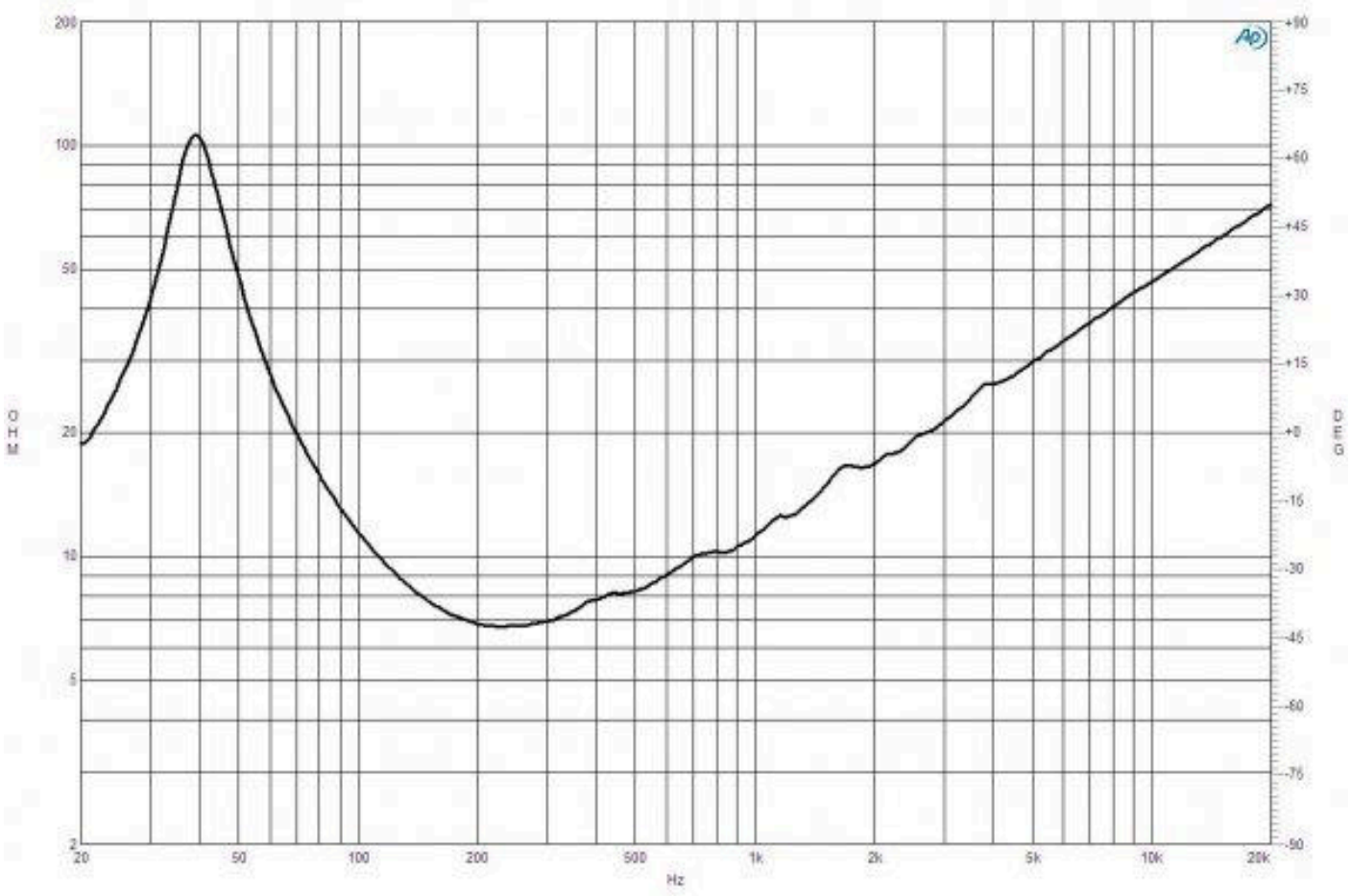
LF recone-kits	**RCK15FW768**

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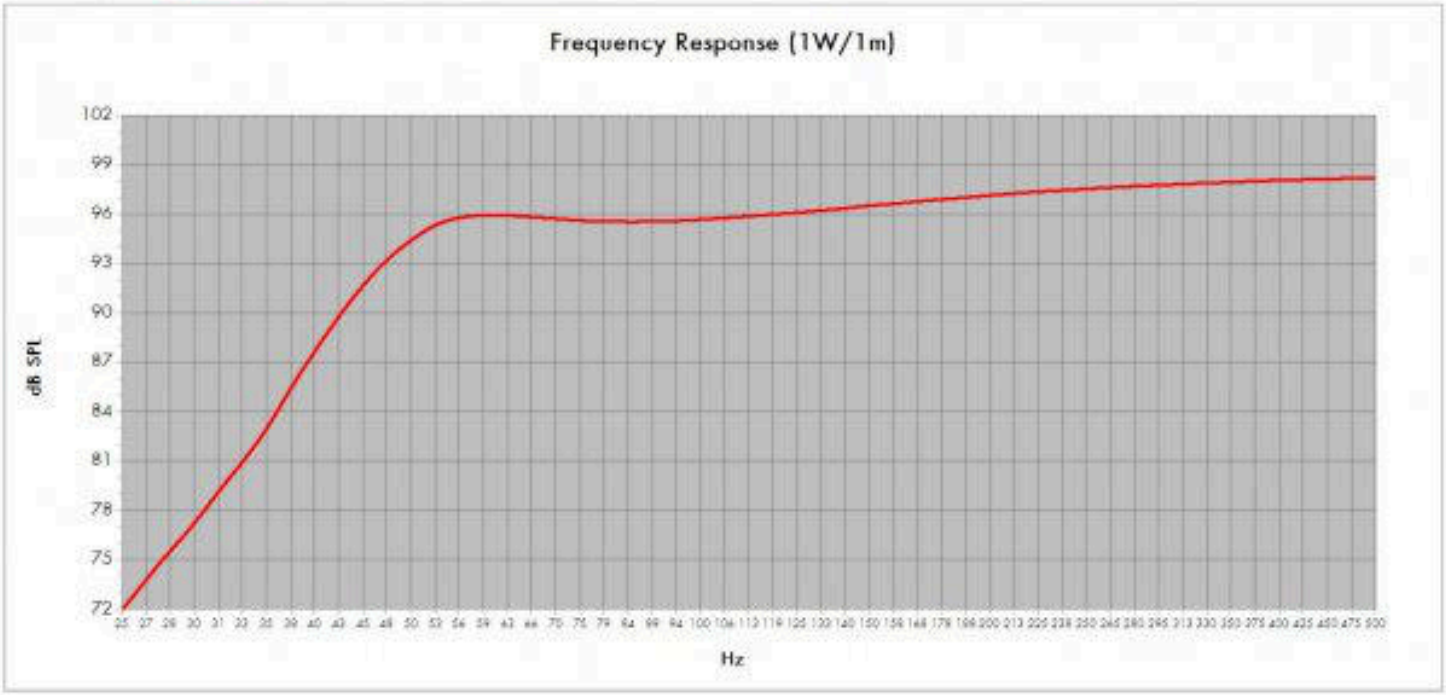
Woofer





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Woofer



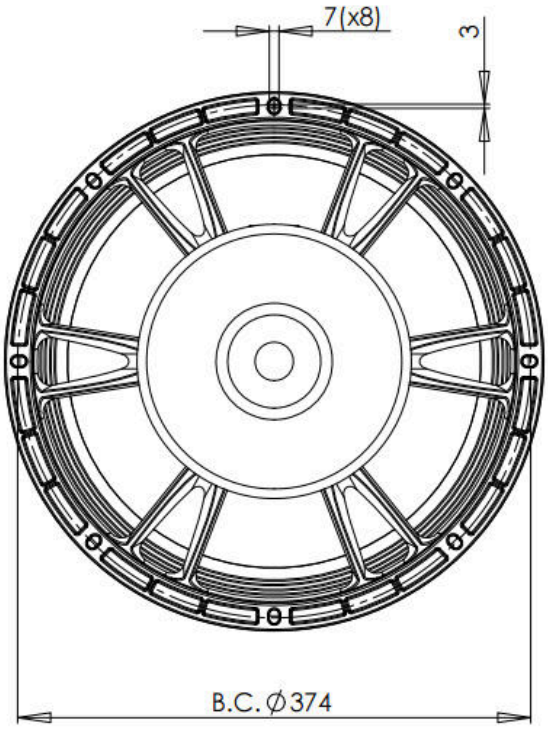
Model:	15FW76		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	80	QB:	7
Tuning Frequency (Hz):	50	Port Area (cm²):	204,0
Frequency (-3 dB) (Hz):	54,0	Port Length (cm):	16,6

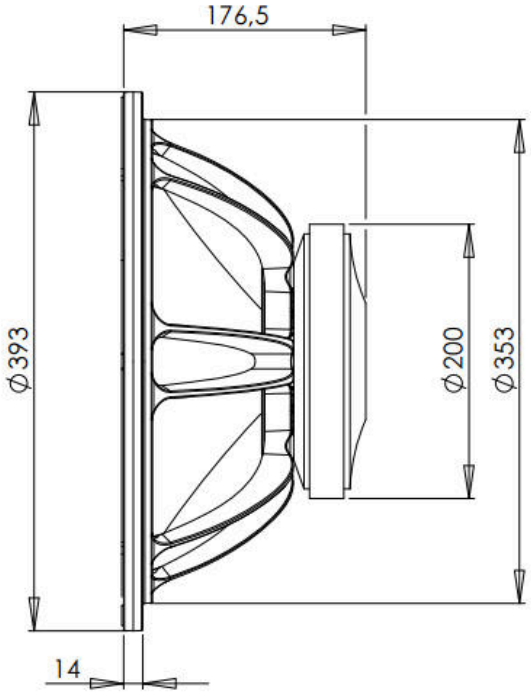
Excursion Limited Maximum SPL at 1 meter (dB): 123,2 equal to 376,7 Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): 125,4 equal to 500,0 Watts (Mid Band Power Rating)

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