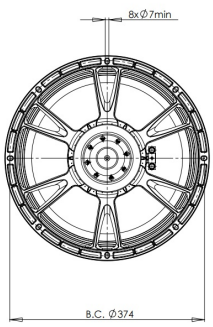
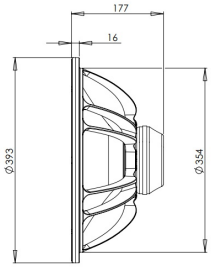
15NW76

8Ω

LF Drivers - 15.0 Inches





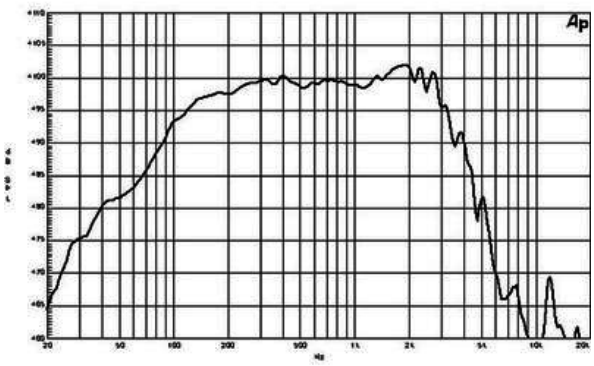
- 1200 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100.5 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Neodymium ring magnet assembly
- Double silicone spider and ventilated voice coil gap

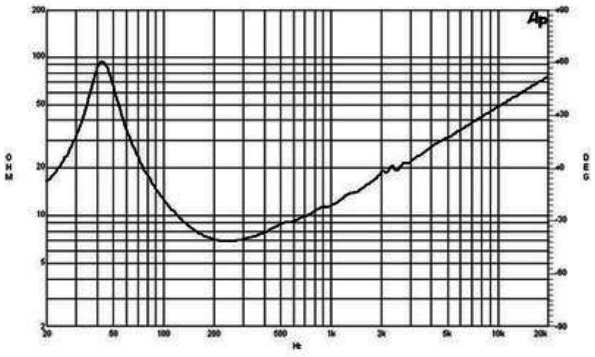
B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

15NW76

LF Drivers- 15.0 Inches





SPECIFICATIONS

Nominal Diameter	380 mm (15.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.9 Ω
Nominal Power Handling[1]	600 W
Continuous Power Handling[2]	1200 W
Sensitivity[3]	100.5 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	1.3 T

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	90.0 dm^3 (3.18 ft^3)
Recommended Tuning	53 Hz

PARAMETERS[4]

Resonance Frequency	42 Hz
Re	5.3 Ω
Qes	0.23
Qms	4.3
Qts	0.22
Vas	130.0 dm^3 (4.5 ft^3)
Sd	855.0 cm^2 (132.5 in^2)
η_0	4.4 %
Xmax	8.0 mm
Maximum Excursion	10.0 mm
Mms	104.0 g
Bl	25.5 Txm
Le	1.25 mH
EBP	182 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 (7.0 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air Volume Occupied by Driver	3.7 dm^3 (0.13 ft^3)
Net Weight	5.6 kg (12.3 lb)
Shipping Units	1
Shipping Weight	6.9 kg (15.21 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KIT

RCK15NW768

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal 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.

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