

# 10NW76

16Ω

LF Drivers - 10.0 Inches

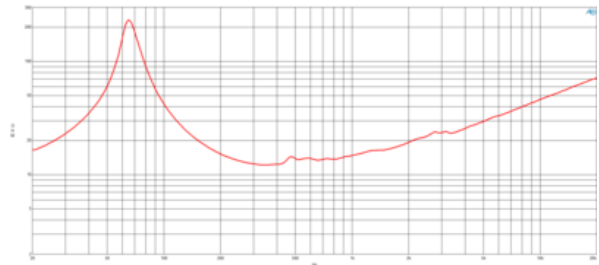
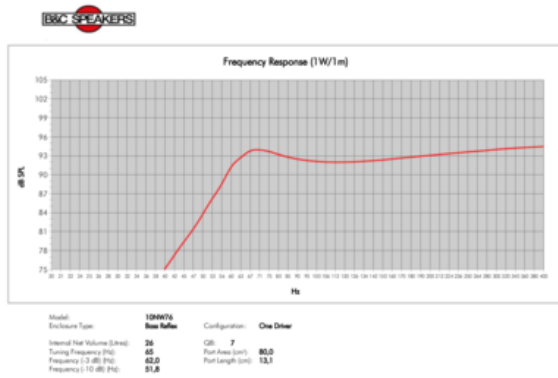


- 800 W continuous program power capacity
- 76 mm (3 in) copper clad aluminum wire voice coil
- 65 - 3500 Hz response
- 96.8 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Ventilated voice coil gap for reduced power



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## LF Drivers- 10.0 Inches



### SPECIFICATIONS

Nominal Diameter	250 mm (10.0 in)
Nominal Impedance	16 Ω
Minimum Impedance	12.3 Ω
Nominal Power Handling <sup>1</sup>	400 W
Continuous Power Handling <sup>2</sup>	800 W
Sensitivity <sup>3</sup>	96.8 dB
Frequency Range	65 - 3500 Hz
Voice Coil Diameter	76 mm (3.0 in)
Winding Depth	19.0 mm (0.75 in)
Magnetic Gap Depth	10.0 mm (0.39 in)
Flux Density	1.35 T

### DESIGN

Recommended Enclosure	26.0 dm <sup>3</sup> (0.92 ft <sup>3</sup> )
Recommended Tuning	65 Hz

### PARAMETERS<sup>4</sup>

Resonance Frequency	68 Hz
Re	10.0 Ω
Qes	0.3
Qms	8.7
Qts	0.29
Vas	18.5 dm <sup>3</sup> (0.65 ft <sup>3</sup> )
Sd	320.0 cm <sup>2</sup> (49.6 in <sup>2</sup> )
η <sub>o</sub>	1.88 %
Xmax	7.0 mm
Xvar	7.5 mm
Mms	42.5 g
Bl	24.7 Txm
Le	0.58 mH
EBP	226 Hz

### MOUNTING AND SHIPPING INFO

Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	233.0 mm (9.17 in)
Depth	119 mm (4.69 in)
Flange and Gasket Thickness	13 mm (0.51 in)
Air Volume Occupied by Driver	1.5 dm <sup>3</sup> (0.05 ft <sup>3</sup> )
Net Weight	3.8 kg (8.38 lb)
Shipping Units	1
Shipping Weight	4.4 kg (9.7 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

### SERVICE KIT

RCK10NW7616

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.