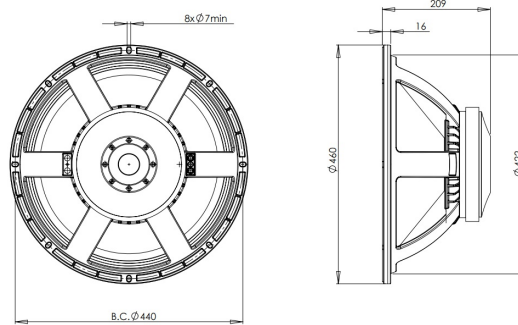


18RBX100

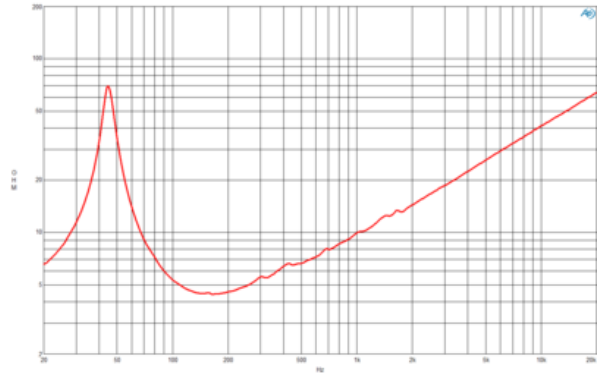
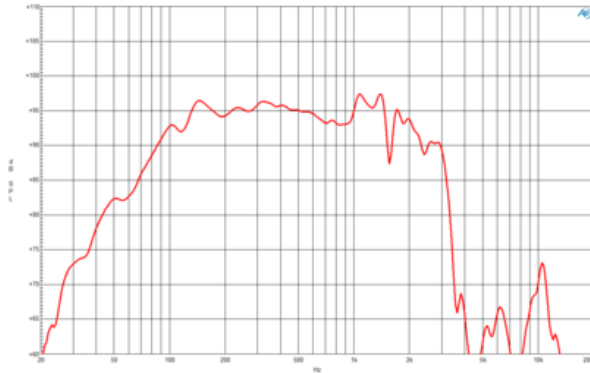
4Ω**LF Drivers - 18.0 Inches**

- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1000 Hz response
- 97 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance



18RBX100

LF Drivers- 18.0 Inches



SPECIFICATIONS

Nominal diameter	460 mm (18.0 in)
Nominal impedance	4 Ω
Minimum impedance	4.5 Ω
Nominal power handling ¹	1000 W
Continuous power handling ²	2000 W
Sensitivity (1W/1m) ³	97.0 dB
Frequency range	35 - 1000 Hz
Voice coil diameter	100 mm (4.0 in)
Winding material	Copper
Former material	Glass Fibre
Winding depth	25 mm (1.0 in)
Magnetic gap depth	11 mm (0.43 in)
Flux density	1.1 T

DESIGN

Surround shape	Triple Roll
Cone shape	Curvilinear
Magnet material	Ferrite
Spider	Double Silicone
Pole design	T-Pole
Woofer cone treatment	TWP Waterproof Both Sides
Recommended enclosure	140.0 dm ³ (4.94 ft ³)
Recommended tuning	40 Hz

PARAMETERS⁴

F _s	42 Hz
R _e	3.5 Ω
Q _{es}	0.41
Q _{ms}	8.0
Q _{ts}	0.4
V _{as}	136.0 dm ³ (4.8 ft ³)
S _d	1225.0 cm ² (189.88 in ²)
η _o	2.5 %
X _{max}	10.0 mm
X _{var}	13.0 mm
M _{ms}	210 g
Bl	22.0 Txm
Le	1.2 mH
EBP	102 Hz

MOUNTING AND SHIPPING INFO

Overall diameter	460 mm (18.11 in)
Bolt circle diameter	440 mm (17.32 in)
Baffle cutout diameter	422.0 mm (16.61 in)
Depth	200 mm (7.87 in)
Flange and gasket thickness	14 mm (0.55 in)
Air volume occupied by driver	10.5 dm ³ (0.37 ft ³)
Net weight	12.3 kg (27.12 lb)
Shipping units	1
Shipping weight	13.7 kg (30.2 lb)
Shipping box	500x500x250 mm (19.69x19.69x9.84 in)

SERVICE KIT

RCK18RBX1004

- 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range F_s-10F_s. Power calculated on rated minimum impedance. Loudspeaker in free air.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.
- Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.