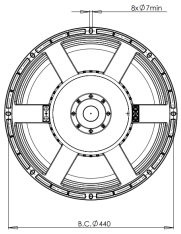
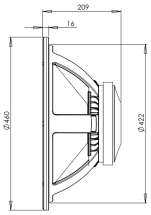
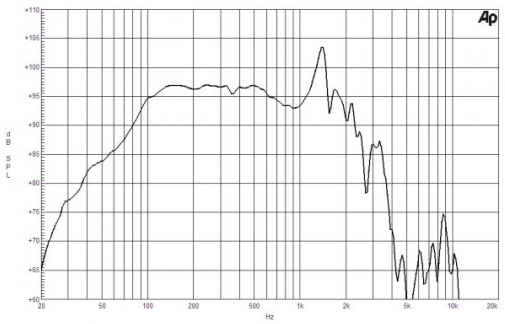
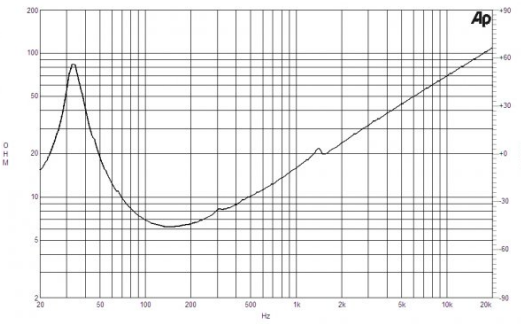
18TBX100 8 Ω LF Drivers - 18 inches Subwoofer

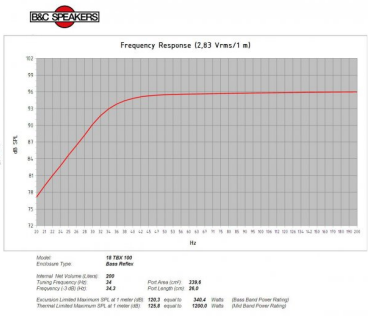




2400 W continuous program power capacity
100 mm (4 in) copper voice coil
35 - 1000 Hz response
97 dB sensitivity
Aluminium demodulating ring allows a very low distortion figure
Double silicone spider with optimized compliance
Ventilated voice coil gap for reduced power compression







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

18TBX100 8 Ω LF Drivers - 18 inches Subwoofer

SPECIFICATIONS

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Nominal Power Handling	1200 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.
Continuous Power Handling	2400 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	97 dB Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
Frequency Range	35 Hz - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.1 T
Woofer Cone Treatment	TWP Waterproof Both Sides

MOUNTING AND SHIPPING INFO

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	209 mm (8.2 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air Volume Occupied by Driver	10.5 dm^3 (0.37 ft^3)
Net Weight	12.7 kg (28 lb)
Shipping Units	1 pcs
Shipping Weight	14.3 kg (31.53 lb)
Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)

SERVICE KITS

LF recone-kits	RCK18TBX1008

PARAMETERS

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

Fs	34 Hz
Re	5.1 Ω
Qes	0.37
Qms	7.2
Qts	0.35
Vas	212 dm^3 (7.5 ft^3)
Sd	1210 cm^2 (187.6 sq^2)
η0	2.2 %
Xmax	9 mm
Xvar	11 mm
Mms	209 g
Bl	25.5 Tm
Le	1.6 mH
EBP	92 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	200 dm^3 (7.06 ft^3)
Recommended Tuning	34 Hz

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