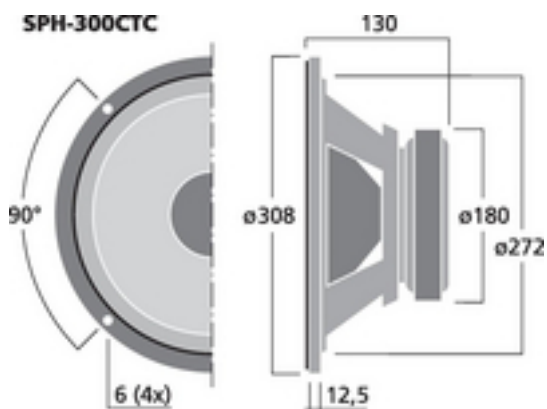
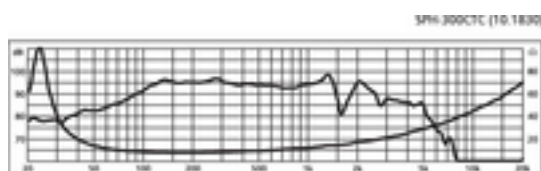


## SPH-300CTC - HiFi Woofer with Twin Coil



Hi-fi subwoofer, 2 x 150 W, 2 x 8 Ohm

- High-end speaker with diecast basket
- Dual voice coil
- Carbon fibre cone
- Powerful bass reproduction from bass-reflex cabinets or an especially dry, pulsed sound from very small closed cabinets
- For hi-fi, home cinema and top car hi-fi

Thiele Small parameters and sound pressure curves for voice coils in parallel or series connection.



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“Despite being content with a moderate cabinet size, it still provides a superior deep bass due to the powerful drive system.”

## Technical data:

Impedance (Z)	: 2 x 8 Ohm
Transmission technology	: -
Frequency range	: f3-2,500 Hz
Resonant frequency (fs)	: 18 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 2 x 150 W
Peak music power output (MAX)	: 2 x 250 W
SPL	: 92 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.75 mm/N
Moving mass (Mms)	: 100 g
Mech. Q factor (Qms)	: 6.50
Electr. Q factor (Qes)	: 0.20
Total Q factor (Qts)	: 0.19
Equivalent volume (Vas)	: 225 l
DC resistance (Re)	: 2 $\Omega$ x 6 $\Omega$ / 3 $\Omega$
Force factor (BxL)	: 12.10 Tm
Voice coil induct. (Le)	: 2 $\Omega$ x 1.1 $\Omega$ mH / 1.1 $\Omega$ mH
Voice coil diameter	: $\varnothing$ 62 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\varnothing$ 5.4 mm
Eff. cone area (Sd)	: 495 cm <sup>2</sup>
Magnet weight	: 1.8 kg
Magnet diameter	: $\varnothing$ 180 mm
Mounting cutout	: $\varnothing$ 272 mm
Mounting depth	: 117.5 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\varnothing$ 308 mm x 130 mm
Outside diameter	: $\varnothing$ 308 mm

Width	: Å~ 308 mm
Height	: -
Depth	: 130 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 6.32 kg
Packing unit	: 1
Type of speaker	: 12"
Packing dimensions (W x H x L)	: 0.32 x 0.17 x 0.32 m
Gross weight	: 6.82 kg
Net weight	: 6.32 kg
Low-impedance	: 1