



SPH-300CTC

Order No.: 10.1830

Price upon request

PRODUCTINFOS

Hi-fi subwoofer, 2 x 150 W, 2 x 8 Ω

- 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.

HOBBY HiFi 04/2015

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

TECHNICAL SPECIFICATIONS

SPH-300CTC

| | |
|--------------------------------------|----------------------------|
| Impedance (Z) | 2 x 8 Ω |
| Frequency range | f3-2,500 Hz |
| Resonant frequency (fs) | 18 Hz |
| Power rating | 2 x 150 W |
| Peak music power output | 2 x 250 W |
| Sensitivity | 92 dB/W/m |
| 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 x 6 Ω /3 Ω |
| Force factor (BxL) | 12.1 Tm |
| Voice coil induct. (Le) | 2 x 1.1 mH/1.1 mH |
| Voice coil diameter | 62 mm |
| Voice coil former | Kapton |
| Linear excursion (X _{MAX}) | ±5.4 mm |
| Eff. cone area (Sd) | 495 cm ² |
| Magnet weight | 1.8 kg |
| Magnet diameter | Ø 180 mm |
| Mounting cutout | Ø 272 mm |
| Mounting depth | 117.5 mm |
| Dimensions | Ø 308 mm x 130 mm |
| Outside diameter | Ø 308 mm |
| Width | Ø 308 mm |
| Depth | 130 mm |
| Admiss. ambient temp. | 0-40 °C |
| Weight | 6.32 kg |
| Packing unit | 1 |
| Type of speaker | 12" |