

Components

Speaker Technology

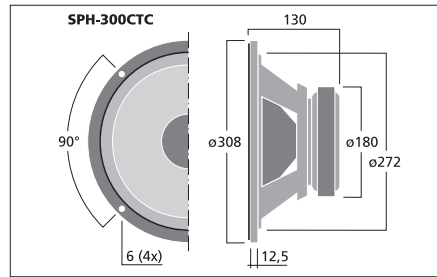
SPH-300CTC

Order No. 10.1830

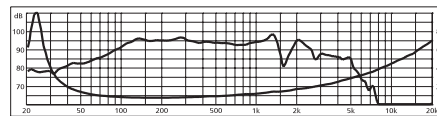


Hi-fi subwoofer, 2 x 150 W, 2 x 8 Ω

- 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.



SPH-300CTC (10.1830)



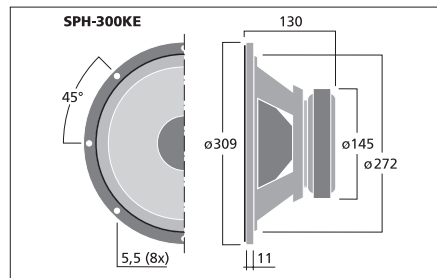
SPH-300KE

Order No. 10.2390

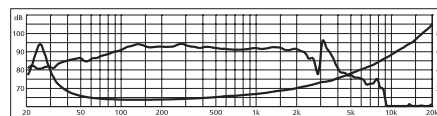


Top hi-fi bass speaker, 120 W, 8 Ω

- Finely textured Kevlar fibre cone
- Diecast aluminium basket
- Drive of very long excursion
- A very deep bass reproduction in bass-reflex cabinets
- Clear pulsed reproduction and yet a deep bass reproduction in closed cabinets
- For any hi-fi and high-end application



SPH-300KE (10.2390)



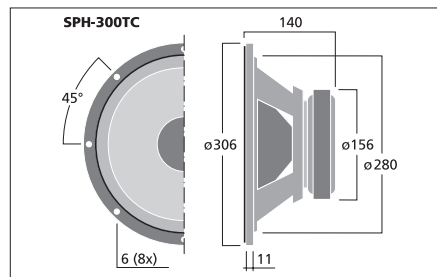
SPH-300TC

Order No. 10.1460

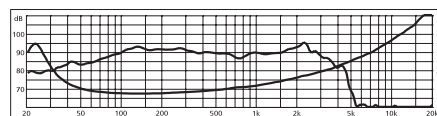


Hi-fi subwoofer, 2 x 120 W, 2 x 8 Ω

- Stabilised polypropylene cone
- Dual voice coil
- Perfect parameters for a deep bass reproduction in compact bass-reflex cabinets and band-pass cabinets
- For any hi-fi, home cinema and car hi-fi application of high requirements



SPH-300TC (10.1460)



Model	SPH-300CTC	SPH-300KE	SPH-300TC
Impedance (Z)	2 x 8 Ω	8 Ω	2 x 8 Ω
Frequency range	f3-2,500 Hz	f3-2,200 Hz	f3-2,000 Hz
Resonant frequency (fs)	18 Hz	22 Hz	23 Hz
Power rating (RMS)	2 x 150 W	120 W	2 x 120 W
Peak music power output (MAX)	2 x 250 W	200 W	2 x 250 W
Sensitivity	92 dB/W/m	90 dB/W/m	91 dB/W/m
Suspension compl. (Cms)	0.75 mm/N	0.81 mm/N	0.85 mm/N
Moving mass (Mms)	100 g	65 g	68 g
Mech. Q factor (Qms)	6.50	4.15	3.03
Electr. Q factor (Qes)	0.20	0.36	0.26
Total Q factor (Qts)	0.19	0.33	0.24
Equivalent volume (Vas)	225 l	250 l	290 l
DC resistance (Re)	2 x 6 Ω/3 Ω	6.2 Ω	2 x 6.3 Ω/3.2 Ω
Voice coil diameter	Ø 62 mm	Ø 65.5 mm	Ø 50 mm
Voice coil former	Kapton	glass fibre	aluminium
Linear excursion (X _{MAX})	Ø 5.4 mm	± 6.5 mm	± 4 mm
Eff. cone area (Sd)	495 cm ²	496 cm ²	495 cm ²
Mounting cutout	Ø 272 mm	Ø 272 mm	Ø 280 mm
Dimensions	Ø 308 mm x 130 mm	Ø 309 mm x 130 mm	Ø 306 mm x 140 mm
Weight	6.32 kg	4.3 kg	4.245 kg