

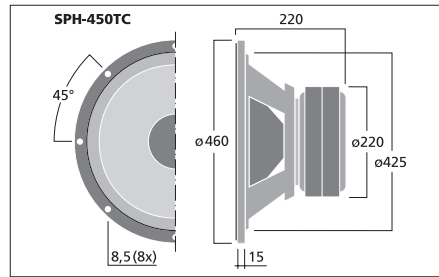
## SPH-450TC

Order No. 10.3270

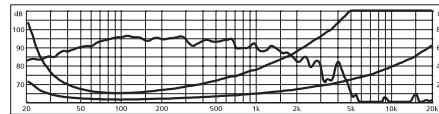


### Subwoofer, 2 x 350 W, 2 x 4 Ω

- Dual voice coil bass speaker of highest power capability
- Incredible bass pressure from amazingly small cabinets
- Extensive ventilation of the voice coil
- High-quality inverse cone
- Diecast basket, gold-plated terminals
- Extra long excursion
- Double centering spider
- For subwoofer applications of highest requirements



SPH-450TC (10.3270)



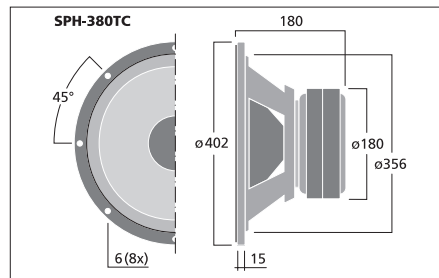
## SPH-380TC

Order No. 10.3260

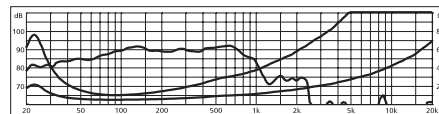


### Subwoofer, 2 x 250 W, 2 x 4 Ω

- 40 cm (15") subwoofer of highest power capability, dual voice coil technology
- Extra small volume requirements
- Robust complete cone with new geometry for highest rigidity and an excellent dynamic response
- Extra long excursion
- Rubber surround
- Extensive air gap ventilation
- For general subwoofer applications, from home cinema to compact DJ subwoofers



SPH-380TC (10.3260)



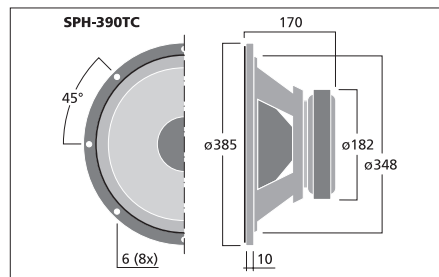
## SPH-390TC

Order No. 10.1520

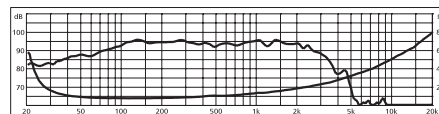


### Hi-fi subwoofer, 2 x 150 W, 2 x 8 Ω

- High-performance speaker with dual voice coil
- Robust sheet steel basket
- Carbonised PP cone
- Capable of a very great linear excursion
- Parameters for extra powerful and deep bass reproductions in bass-reflex cabinets



SPH-390TC (10.1520)



Model	SPH-450TC	SPH-380TC	SPH-390TC
Impedance (Z)	2 x 4 Ω	2 x 4 Ω	2 x 8 Ω
Frequency range	f3-1,500 Hz	f3-800 Hz	f3-1,500 Hz
Resonant frequency (fs)	20 Hz	21.5 Hz	23 Hz
Power rating (RMS)	2 x 350 W	2 x 250 W	2 x 150 W
Peak music power output (MAX)	2 x 500 W	2 x 400 W	2 x 300 W
Sensitivity	93 dB/W/m	89 dB/W/m	96 dB/W/m
Suspension compl. (Cms)	0.22 mm/N	0.28 mm/N	0.3 mm/N
Moving mass (Mms)	305 g	199.5 g	160 g
Mech. Q factor (Qms)	2.97	2.81	6.36
Electr. Q factor (Qes)	0.27	0.31	0.29
Total Q factor (Qts)	0.25	0.28	0.26
Equivalent volume (Vas)	480 l	275 l	284 l
DC resistance (Re)	2 x 3.7 Ω/1 x 7.4 Ω	2 x 3.6 Ω/1 x 7.2 Ω	2 x 6 Ω/3 Ω
Voice coil diameter	Ø 99.3 mm	Ø 75.5 mm	Ø 65.5 mm
Voice coil former	aluminium	aluminium	Kapton
Linear excursion (X <sub>MAX</sub> )	± 12.9 mm	± 11.1 mm	± 7 mm
Eff. cone area (Sd)	1,250 cm <sup>2</sup>	845 cm <sup>2</sup>	850 cm <sup>2</sup>
Mounting cutout	Ø 425 mm	Ø 356 mm	Ø 348 mm
Dimensions	Ø 460 mm x 220 mm	Ø 402 mm x 180 mm	Ø 385 mm x 170 mm
Weight	16.96 kg	10.62 kg	6.78 kg