

DT94-8

Visaton 20 mm (0.8") polycarbonate HiFi driver 8 Ohm

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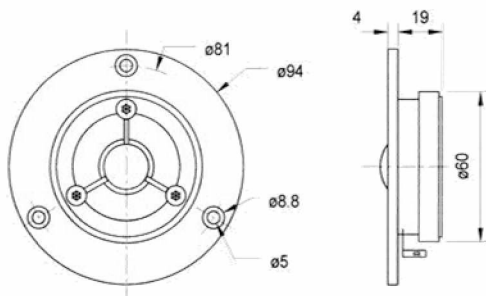


General description

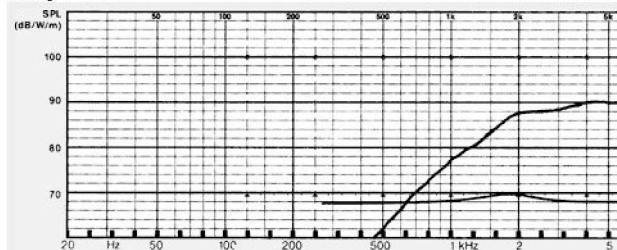
20 mm (0.8") polycarbonate HiFi driver with round shaped front plate for the highrange above 3000 Hz. Balanced frequency response and good omnidirectional sound distribution. High power handling due to ferrofluid-cooled voice-coil.

Technical Data:

Nominal power handling with high pass	70 Watt (12 dB/Okt.; 4000 Hz)
Peak power handling with high pass	100 Watt (12 dB/Okt.; 4000 Hz)
Nominal impedance	8 Ohm
Frequency response (-10 dB)	1200 - 22000 Hz
Mean sound pressure level	90 dB (1W/1m)
Resonance frequency f_s	1900 Hz
Magnetic induction	1,2 Tesla
Magnetic flux	185 μ Weber
Voice coil diameter	2 cm
Height of winding	0,2 cm
Cutout diameter	6,4 cm
Net weight	0,24 kg
D.C. resistance R_{dc}	6,7 Ohm
Mechanical Q factor Q_{ms}	3,07
Electrical Q factor Q_{es}	0,66
Total Q factor Q_{ts}	0,54
Effective piston area S_d	3 cm ²
Dynamically moved mass M_{ms}	0,2 g
Inductance of the voice coil L	0,12 mH



drawing



frequency response