

DT94-4

Visaton 20 mm (0.8") polycarbonate HiFi driver 4 Ohm

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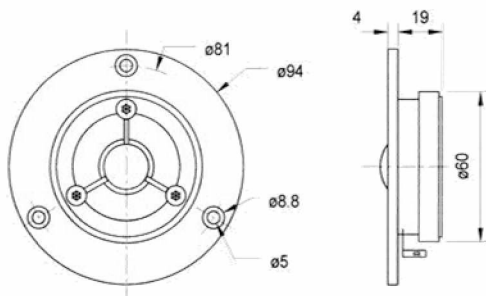


General description

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 | 4 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} | 3,1 Ohm |
| Mechanical Q factor Q_{ms} | 3 |
| Electrical Q factor Q_{es} | 0,6 |
| Total Q factor Q_{ts} | 0,5 |
| Effective piston area S_d | 3 cm ² |
| Dynamically moved mass M_{ms} | 0,2 g |
| Inductance of the voice coil L | 0,09 mH |



drawing

