Classic 6½ Midwoofer



Type Number: 18S/8535-00

Features:

The Classic line consists of all the highly regarded transducers that have been appraised and loved by so many customers over the years. The goal has been to assemble all the diamonds, developed over the years, speakers that fully live up to the heritage of the brand.

Driver Highlights: Low loss rubber surround, carbon fibre/paper cone, SD-1 motor, shielded



Specs:

Electrical	Data
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Nominal impedance Zn 8 ohm

Minimum impedance Zmin -- ohm

Maximum impedance Zo -- ohm

DC resistance Re 5.8 ohm

Voice coil inductance Le 0.3 mH

T-S Parameters fs 26 Hz Resonance Frequency Qms 2.5 Mechanical Q factor Qes 0.47 Electrical Q factor Qts 0.4 Total Q factor BI 5.6 Tm Force factor Mechanical resistance Rms 1 Kg/s Mms 15.5 g Moving mass Cms -- mm/N Suspension compliance D -- cm Effective cone diameter Sd 145 cm Effective piston area Vas 72 ltrs Equivalent volume 86.5 dB Sensitivity (2.83V/1m) Ratio BL/√(Re) F --Ratio fs/Qts

Power handling

100h RMS noise test (IEC) 70 W
Long-term Max Power (IEC 18.3) -- W
Max linear SPL (rms) @ power -- dB/W
Short Term Max power (IEC 18.2) -- W

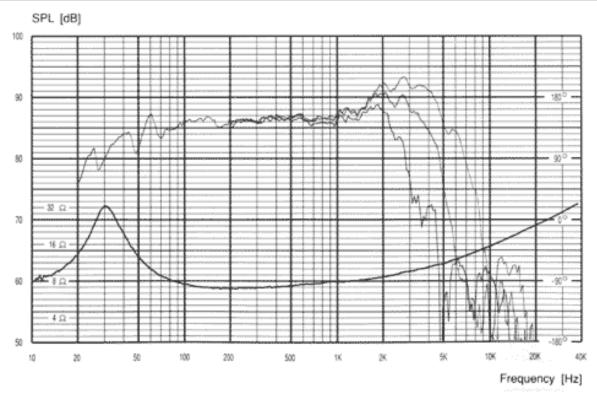
Voice Coil and Magnet Parameters

38 mm Voice coil diameter Voice coil height -- mm Voice coil layers Height of the gap -- mm 5 mm Linear excursion +/-10 mm Max mech. excursion +/--- mWb Flux density of gap -- mWb Total useful flux -- mm Diameter of magnet -- mm Height of magnet Weight of magnet -- Kg

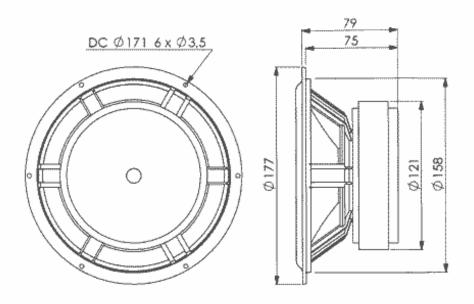
Notes:

IEC specs refer to IEC 60268-5 third edition. All ScanSpeak products are RoHS compliant.

Frequency: 18S/8535-00



Mechanical Dimensions:18S/8535-00



Drawing Dimensions

Outside Diameter Flange Thickness Magnet Diameter Cutout Diameter Interior Depth Hole Diameter Screw Circle Diameter