Classic 4" Midrange



Type Number: 13M/8636-00

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: Kevlar cone, SD motor, high damping rubber surround



Specs:

Electrical Data	
Nominal impedance	Zn 8 ohm
Minimum impedance	Zmin ohm
Maximum impedance	Zo ohm
DC resistance	Re 5.8 ohm
Voice coil inductance	Le 0.1 mH
T-S Parameters	

fs 77 Hz Resonance Frequency Qms 2.8 Mechanical Q factor Electrical Q factor Qes 0.36 Qts 0.32 Total Q factor BI 6 Tm Force factor Rms 0.8 Kg/s Mechanical resistance Mms 4.6 g Moving mass Cms -- mm/N Suspension compliance Effective cone diameter D -- cm Effective piston area Sd 48 cm Equivalent volume Vas 3 ltrs 86.5 dΒ Sensitivity (2.83V/1m)

Power handling

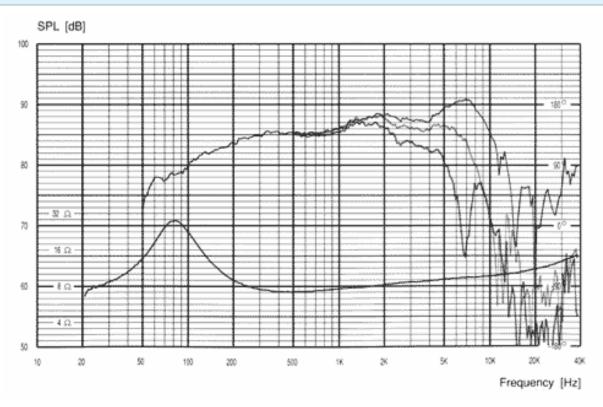
100h RMS noise test (IEC)	100 W
Long-term Max Power (IEC 18.3)	W
Max linear SPL (rms) @ power	dB/W
Short Term Max power (IEC 18.2)	W

Voice Coil and Magnet Parameters

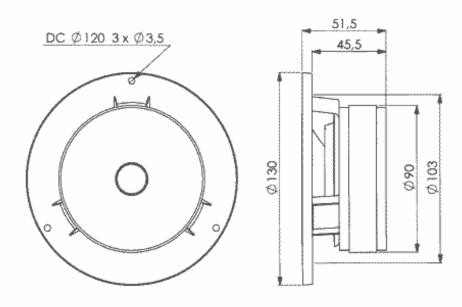
voice con and magnet i arameters	
Voice coil diameter	38 mm
Voice coil height	mm
Voice coil layers	
Height of the gap	mm
Linear excursion +/-	1.5 mm
Max mech. excursion +/-	5 mm
Flux density of gap	mWb
Total useful flux	mWb
Diameter of magnet	mm
Height of magnet	mm
Weight of magnet	Kg
Notes:	

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

Frequency: 13M/8636-00



Mechanical Dimensions:13M/8636-00



Drawing DimensionsOutside Diameter

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