

Type Number: 12W/8524G00

Features:

Key Features:

- Suitable as Midwoofer in compact 2-way systems or as midrange in 3-way systems
- NRSC* Fibre Glass Cone
- Low damping Rubber Surround
- Alu. Ring in Magnet System for Improved Impedance Control and Lower Distortion
- Wide Frequency Operating Range
- Die Cast Aluminium Basket
- Vents below Spider



* Non-Resonant-Suspension-Coupling, a Scan-Speak Patented Technology!

Specs:

Electrical Data

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	6,5/447	ohm
Maximum impedance	Zo	72,4	ohm
DC resistance	Re	5,6	ohm
Voice coil inductance	Le	0,39	mH

T-S Parameters

Resonance Frequency	fs	53,0	Hz
Mechanical Q factor	Qms	3,80	
Electrical Q factor	Qes	0,27	
Total Q factor	Qts	0,25	
Force factor	Bl	6,50	Tm
Mechanical resistance	Rms	0,55	Kg/s
Moving mass	Mms	6,1	g
Suspension compliance	Cms	1,48	mm/N
Effective piston area	Sd	79	cm ²
Equivalent volume	Vas	13,0	ltrs
Sensitivity (2.83V/1m)		87,5	dB

Power Handling

100h RMS noise test (IEC)	40	W
Long-term Max Power (IEC18.3)	70	W

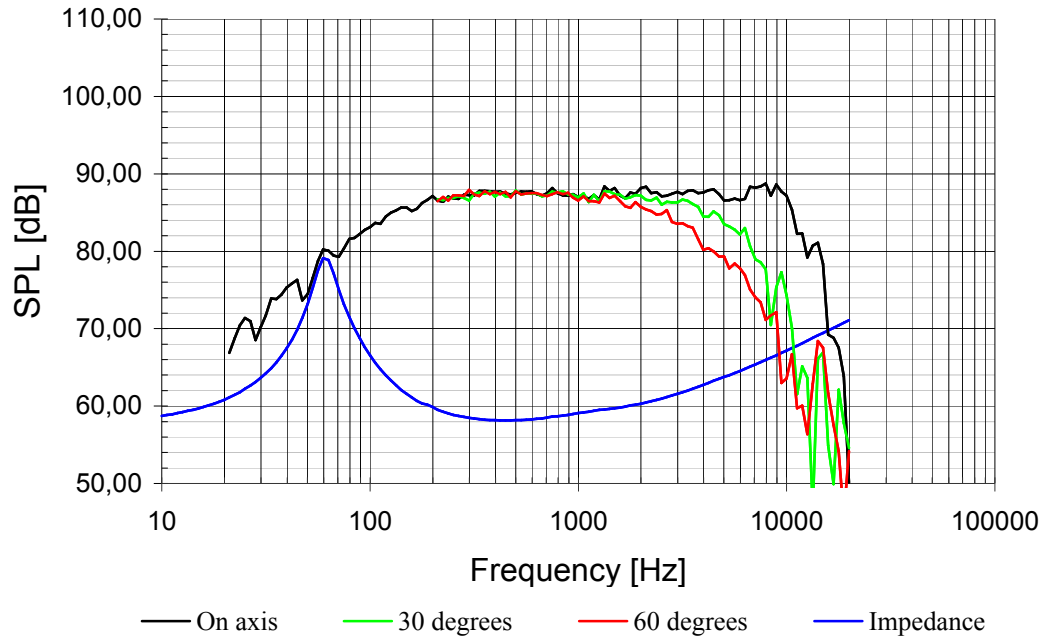
Voice Coil and Magnet Parametres

Voice coil diameter	25,0	mm
Voice coil height	10,0	mm
Voice coil layers	2	
Height of gap	5,0	mm
Linear excursion +/-	2,5	mm
Max mech. Excursion +/-	9,0	mm
Diameter of magnet	85,0	mm
Height of magnet	17,0	mm
Weight of magnet	0,41	Kg
Unit net weight	1,0	Kg

Notes:

IEC Specs refer to IEC 60268-5 third edition.
All Scan Speak products are RoHS compliant

Frequency:



Mechanical Dimensions:

