

SDS
3½" Midwoofer



Type Number: 830878

Features:

The Superior Dynamic Sounds (SDS) Series provides the smallest but highest-quality subwoofers in the industry today. Leveraging the best in Danish craftsmanship, but manufactured to be very affordable, these audio transducers are ideal for use in small surround sound systems, but can also be used in a wide variety of end user products and applications. The speakers in this line are combinable with subwoofers in the SLS line--for example, these two products work extremely well together in home theater solutions.



Driver Highlights: Passive Radiator to match 830856, Coated Paper cone Mms 32gr

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Specs:

Electrical Data

Nominal impedance	Zn	--	ohm
Minimum impedance	Zmin	--	ohm
Maximum impedance	Zo	--	ohm
DC resistance	Re	--	ohm
Voice coil inductance	Le	--	mH

T-S Parameters

Resonance Frequency	fs	--	Hz
Mechanical Q factor	Qms	10	
Electrical Q factor	Qes	--	
Total Q factor	Qts	--	
Ratio fs/Qts	F	30	
Force factor	Bl	--	Tm
Mechanical resistance	Rms	0.62	Kg/s
Moving mass	Mms	32	g
Suspension compliance	Cms	0.92	mm/N
Effective cone diameter	D	--	cm
Effective piston area	Sd	48	cm ²
Equivalent volume	Vas	3.2	ltrs
Sensitivity		--	dB
Ratio Bl/\sqrt{Re}		--	

Power handling

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

Voice Coil and Magnet Parameters

Voice coil diameter	--	mm
Voice coil height	--	mm
Voice coil layers	--	
Height of the gap	--	mm
Linear excursion +/-	--	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

Frequency:

Mechanical Dimensions:

