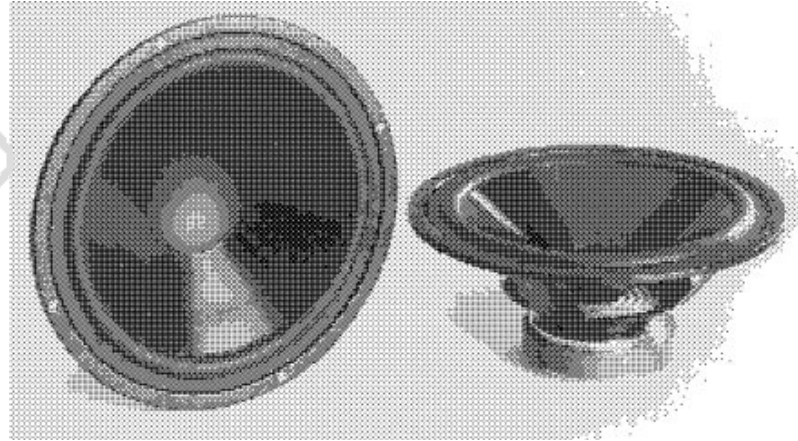


Car CD 8" Automotive



Type Number: 830520

Features:



Specs:

Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.9	ohm
Maximum impedance	Zo	30.5	ohm
DC resistance	Re	3.6	ohm
Voice coil inductance	Le	0.9	mH
Capacitor in series with x ohm	Cc	39	uF

T-S Parameters

Resonance Frequency	fs	53.8	Hz
Mechanical Q factor	Qms	5.38	
Electrical Q factor	Qes	0.71	
Total Q factor	Qts	0.63	
Force factor	Bl	6	Tm
Mechanical resistance	Rms	1.33	Kg/s
Moving mass	Mms	21.2	g
Suspension compliance	Cms	0.41	mm/N
Effective cone diameter	D	17.5	cm
Effective piston area	Sd	240	cm ²
Equivalent volume	Vas	33	ltrs
Sensitivity (2.83V/1m)		--	dB
Ratio BL/√(Re)		--	
Ratio fs/Qts	F	--	

Power handling

100h RMS noise test (IEC)	--	W
Long-term Max Power (IEC 18.3)	110	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power (IEC 18.2)	--	W

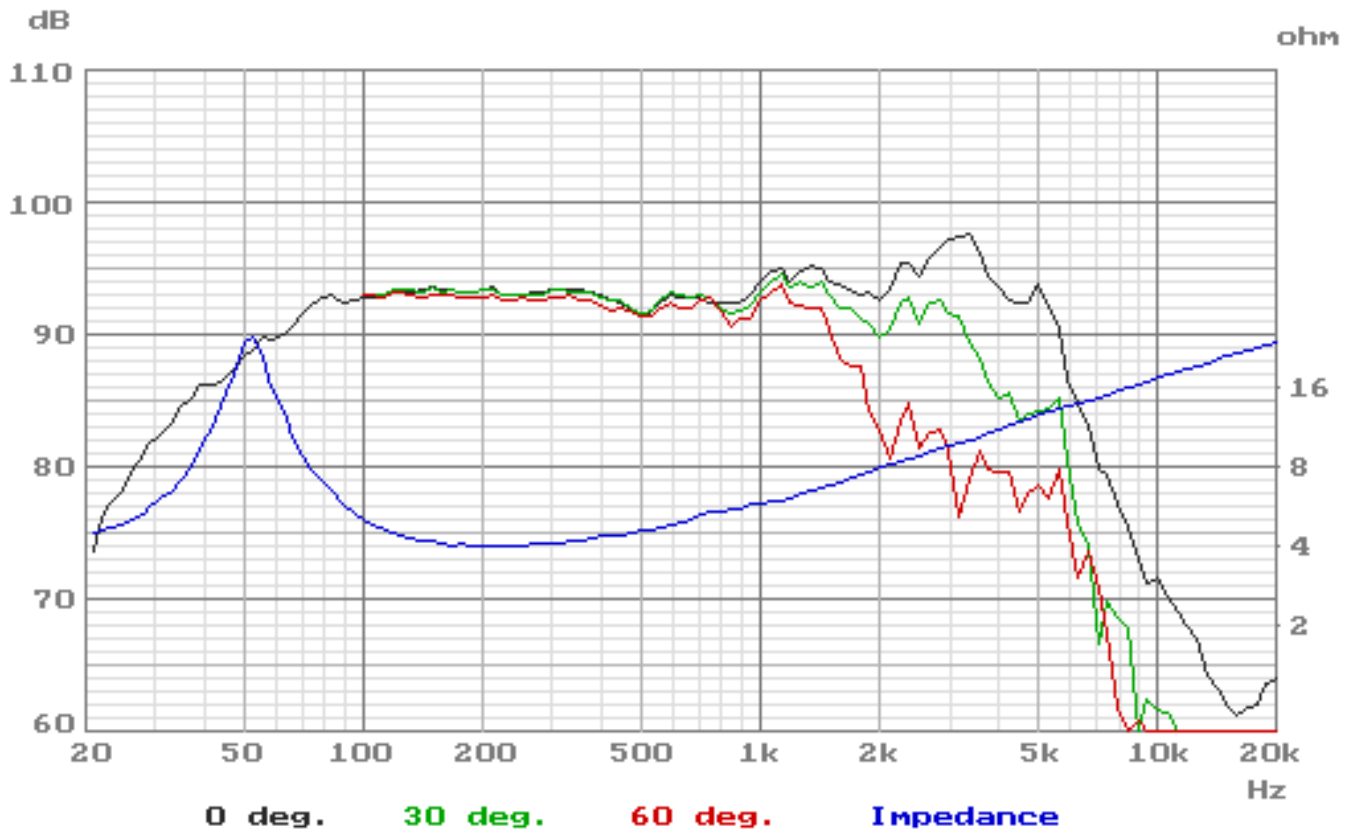
Voice Coil and Magnet Parameters

Voice coil diameter	26	mm
Voice coil height	9	mm
Voice coil layers	4	
Height of the gap	6	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	0.97	mWb
Total useful flux	0.7	mWb
Diameter of magnet	90	mm
Height of magnet	15	mm
Weight of magnet	0.4	Kg

Notes:

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

Frequency: 830520



Mechanical Dimensions:830520

