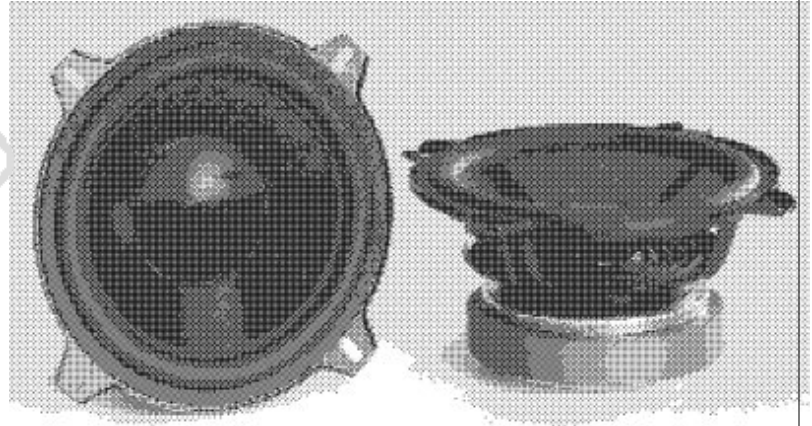


Car CD 5¼" Automotive



Type Number: 850517

Features:



Specs:

Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	4	ohm
Maximum impedance	Zo	24.3	ohm
DC resistance	Re	3.7	ohm
Voice coil inductance	Le	0.5	mH
Capacitor in series with x ohm	Cc	23	uF

T-S Parameters

Resonance Frequency	fs	64.6	Hz
Mechanical Q factor	Qms	2.6	
Electrical Q factor	Qes	0.47	
Total Q factor	Qts	0.4	
Force factor	Bl	5.8	Tm
Mechanical resistance	Rms	1.63	Kg/s
Moving mass	Mms	10.5	g
Suspension compliance	Cms	0.58	mm/N
Effective cone diameter	D	10.8	cm
Effective piston area	Sd	91	cm ²
Equivalent volume	Vas	6.6	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

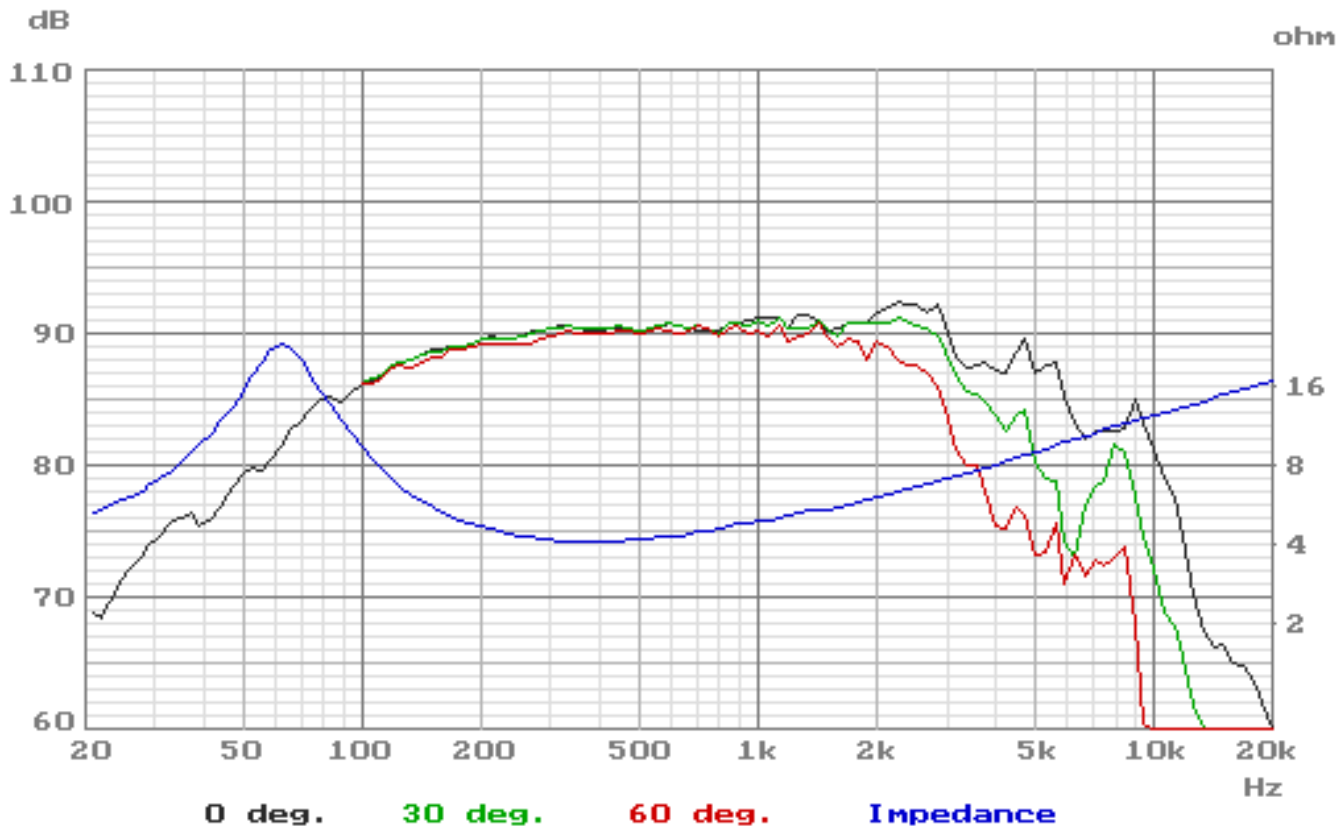
Voice Coil and Magnet Parameters

Voice coil diameter	26	mm
Voice coil height	11	mm
Voice coil layers	2	
Height of the gap	6	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	1.18	mWb
Total useful flux	0.78	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: 850517



Mechanical Dimensions:850517

