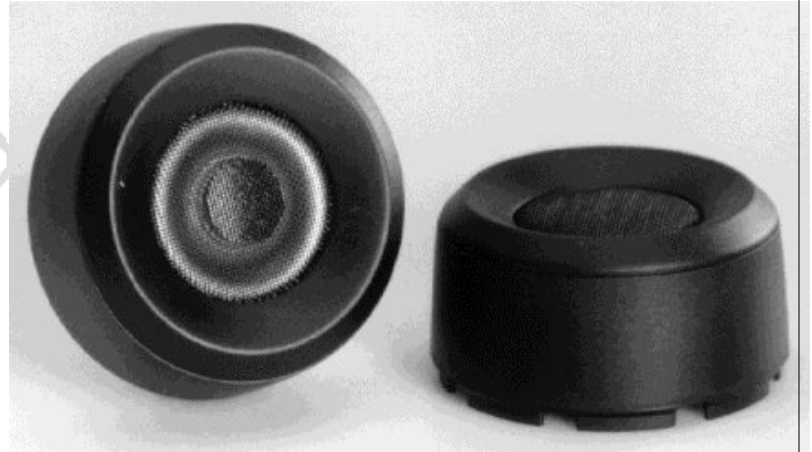


Car CD 1" Automotive



Type Number: 841939

Features:



Specs:

Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.2	ohm
Maximum impedance	Zo	4	ohm
DC resistance	Re	3	ohm
Voice coil inductance	Le	0.1	mH
Capacitor in series with x ohm	Cc	--	uF

T-S Parameters

Resonance Frequency	fs	1400	Hz
Mechanical Q factor	Qms	1.13	
Electrical Q factor	Qes	3.53	
Total Q factor	Qts	0.86	
Force factor	Bl	1.1	Tm
Mechanical resistance	Rms	1.26	Kg/s
Moving mass	Mms	0.16	g
Suspension compliance	Cms	0.08	mm/N
Effective cone diameter	D	2.6	cm
Effective piston area	Sd	5.3	cm ²
Equivalent volume	Vas	--	ltrs
Sensitivity (2.83V/1m)		91.5	dB
Ratio BL/√(Re)	F	--	
Ratio fs/Qts		--	

Power handling

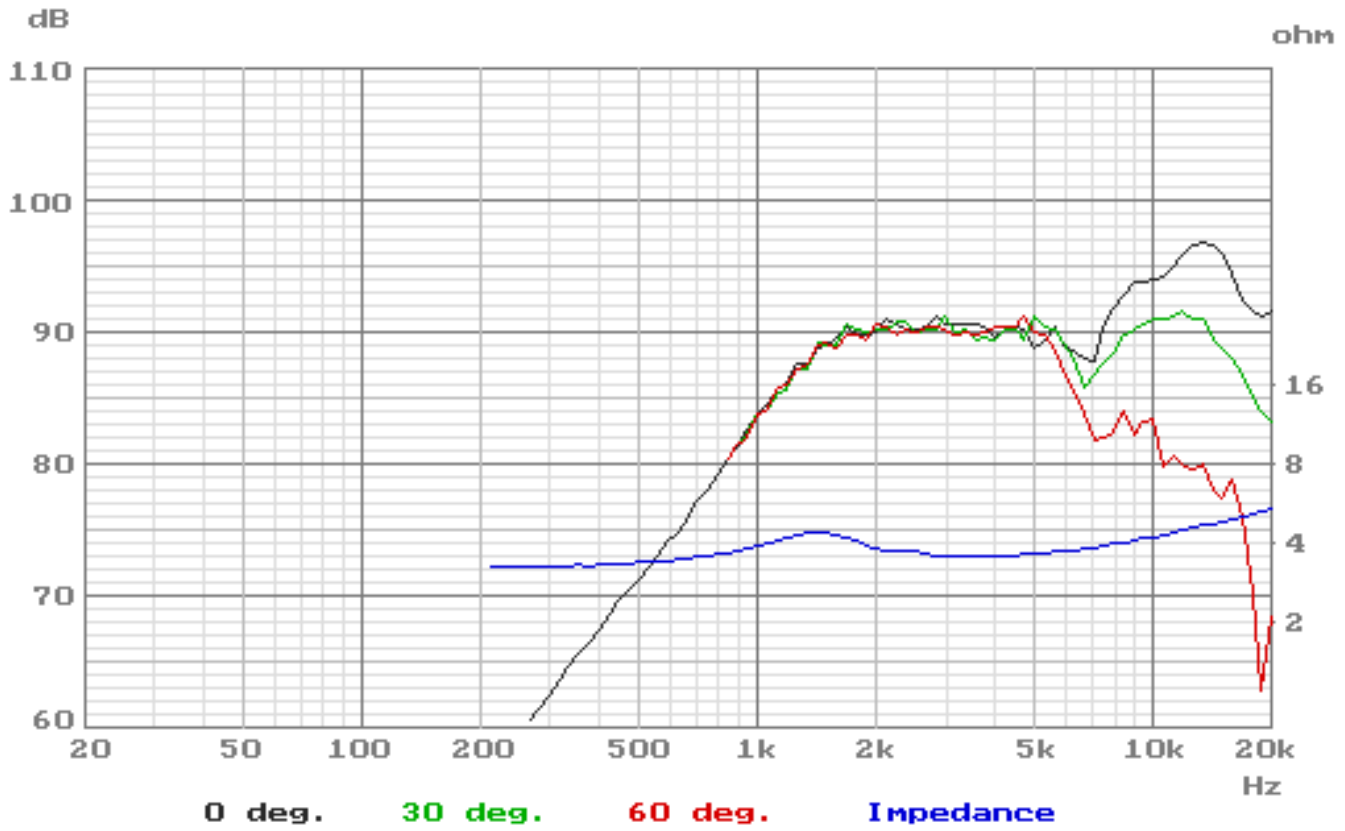
100h RMS noise test (IEC)	--	W
Long-term Max Power (IEC 18.3)	100	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power (IEC 18.2)	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	13	mm
Voice coil height	1.8	mm
Voice coil layers	2	
Height of the gap	2.5	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	1	mWb
Total useful flux	0.1	mWb
Diameter of magnet	40	mm
Height of magnet	7.5	mm
Weight of magnet	0.04	Kg

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

Frequency: 841939



Mechanical Dimensions:841939

