

**Car CD
6½" Automotive**



Type Number: 850573

Features:



Specs:

Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.4	ohm
Maximum impedance	Zo	17.9	ohm
DC resistance	Re	3.1	ohm
Voice coil inductance	Le	0.7	mH
Capacitor in series with x ohm	Cc	24	uF

T-S Parameters

Resonance Frequency	fs	71.8	Hz
Mechanical Q factor	Qms	3.46	
Electrical Q factor	Qes	0.71	
Total Q factor	Qts	0.59	
Force factor	Bl	5.7	Tm
Mechanical resistance	Rms	2.17	Kg/s
Moving mass	Mms	16.6	g
Suspension compliance	Cms	0.3	mm/N
Effective cone diameter	D	13.5	cm
Effective piston area	Sd	143	cm ²
Equivalent volume	Vas	8.3	ltrs
Sensitivity (2.83V/1m)		--	dB
Ratio BL/√(Re)		--	
Ratio fs/Qts	F	--	

Power handling

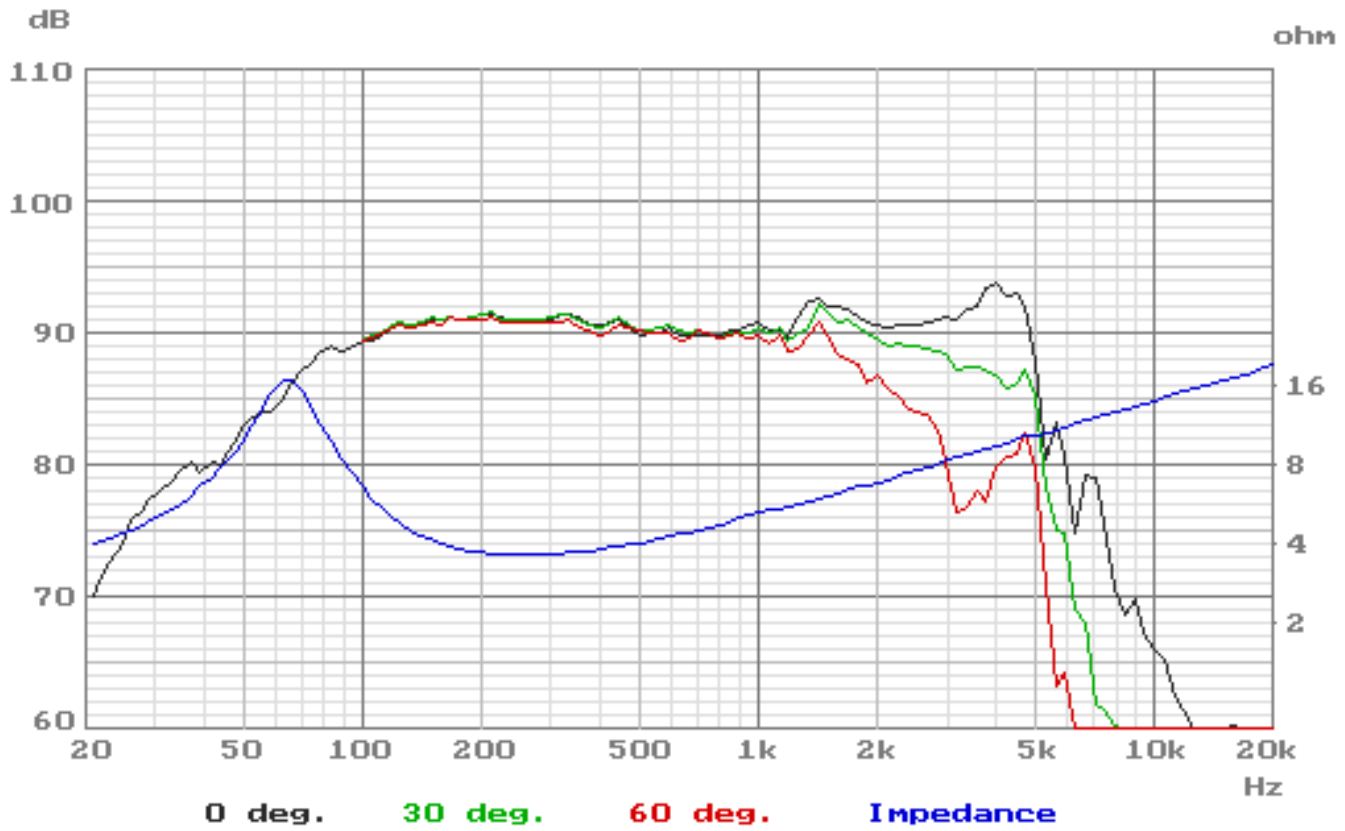
100h RMS noise test (IEC)	--	W
Long-term Max Power (IEC 18.3)	150	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power (IEC 18.2)	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	33	mm
Voice coil height	12	mm
Voice coil layers	2	
Height of the gap	8	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	0.98	mWb
Total useful flux	0.99	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: 850573



Mechanical Dimensions:850573

