

1" Tweeter

Type Number: 811435

Features:

Driver Highlights: Soft fabric dome, ferrofluid



Specs:

Electrical Data

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	5.9	ohm
Maximum impedance	Zo	9.6	ohm
DC resistance	Re	5.5	ohm
Voice coil inductance	Le	0.1	mH

T-S Parameters

Resonance Frequency	fs	1334	Hz
Mechanical Q factor	Qms	2.7	
Electrical Q factor	Qes	3.66	
Total Q factor	Qts	1.55	
Force factor	Bl	2	Tm
Mechanical resistance	Rms	0.93	Kg/s
Moving mass	Mms	0.3	g
Suspension compliance	Cms	0.05	mm/N
Effective cone diameter	D	2.8	cm
Effective piston area	Sd	6.2	cm ²
Equivalent volume	Vas	--	ltrs
Sensitivity (2.83V/1m)		90.1	dB

Power handling

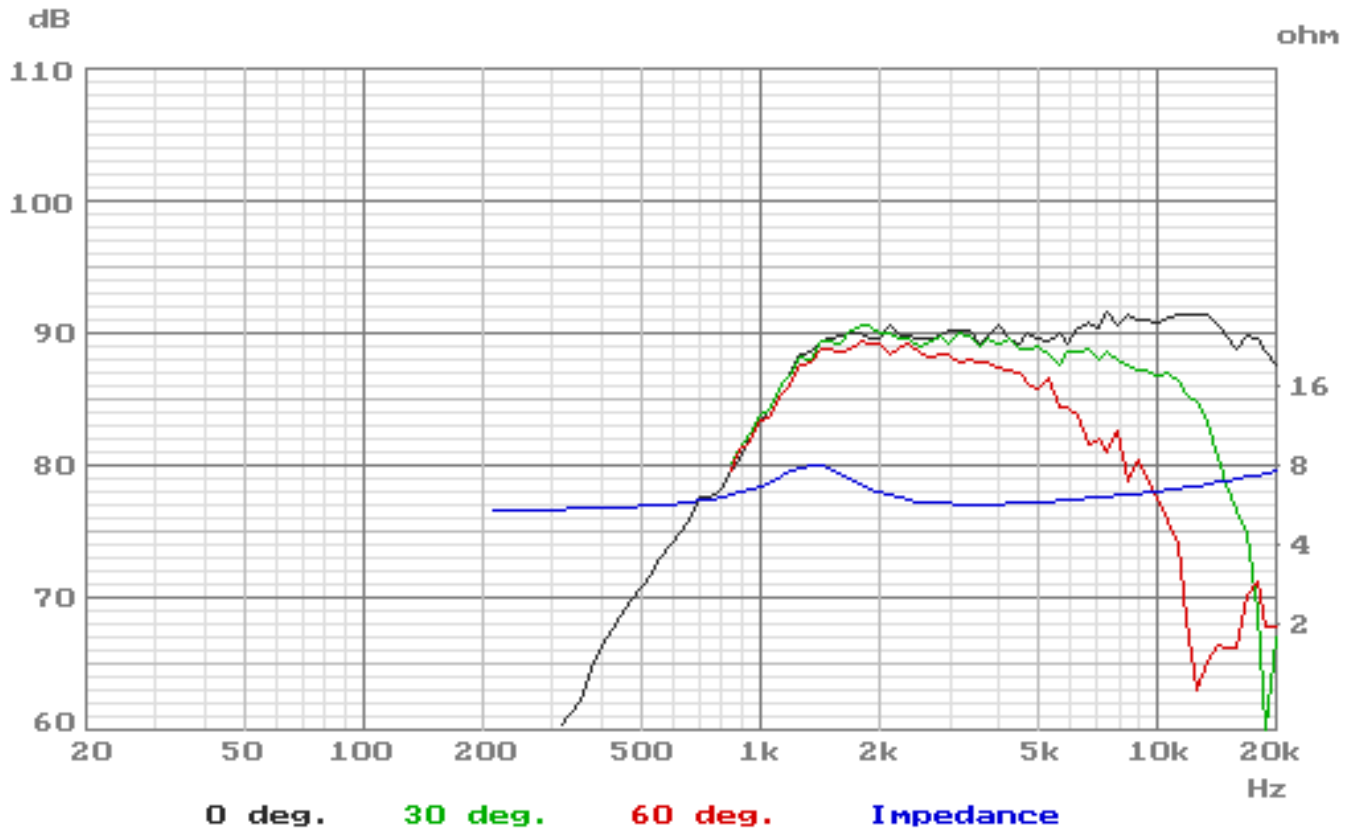
Long-term Max Power (IEC 18.3)	--	W
Short Term Max power (IEC 18.2)	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	26	mm
Voice coil height	1.4	mm
Voice coil layers	2	
Height of the gap	2.5	mm
Flux density of gap	1.02	mWb
Total useful flux	0.11	mWb
Diameter of magnet	25	mm
Height of magnet	3	mm
Weight of magnet	0.01	Kg

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

Frequency: 811435



Mechanical Dimensions:811435

