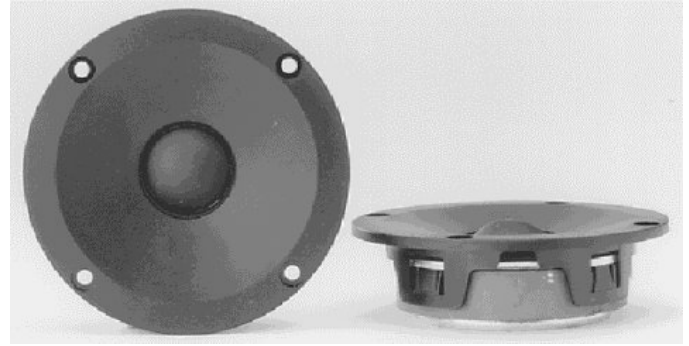


1" Tweeter

Type Number: 811830

Features:

Driver Highlights: Soft fabric dome, ferrofluid, Low Compression



OEM DISCONTINUED

Specs:

Electrical Data

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	5.9	ohm
Maximum impedance	Zo	16.7	ohm
DC resistance	Re	5.3	ohm
Voice coil inductance	Le	0.1	mH

T-S Parameters

Resonance Frequency	fs	1059	Hz
Mechanical Q factor	Qms	2.42	
Electrical Q factor	Qes	1.14	
Total Q factor	Qts	0.78	
Force factor	Bl	3.3	Tm
Mechanical resistance	Rms	0.96	Kg/s
Moving mass	Mms	0.35	g
Suspension compliance	Cms	0.06	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)		91.9	dB

Power handling

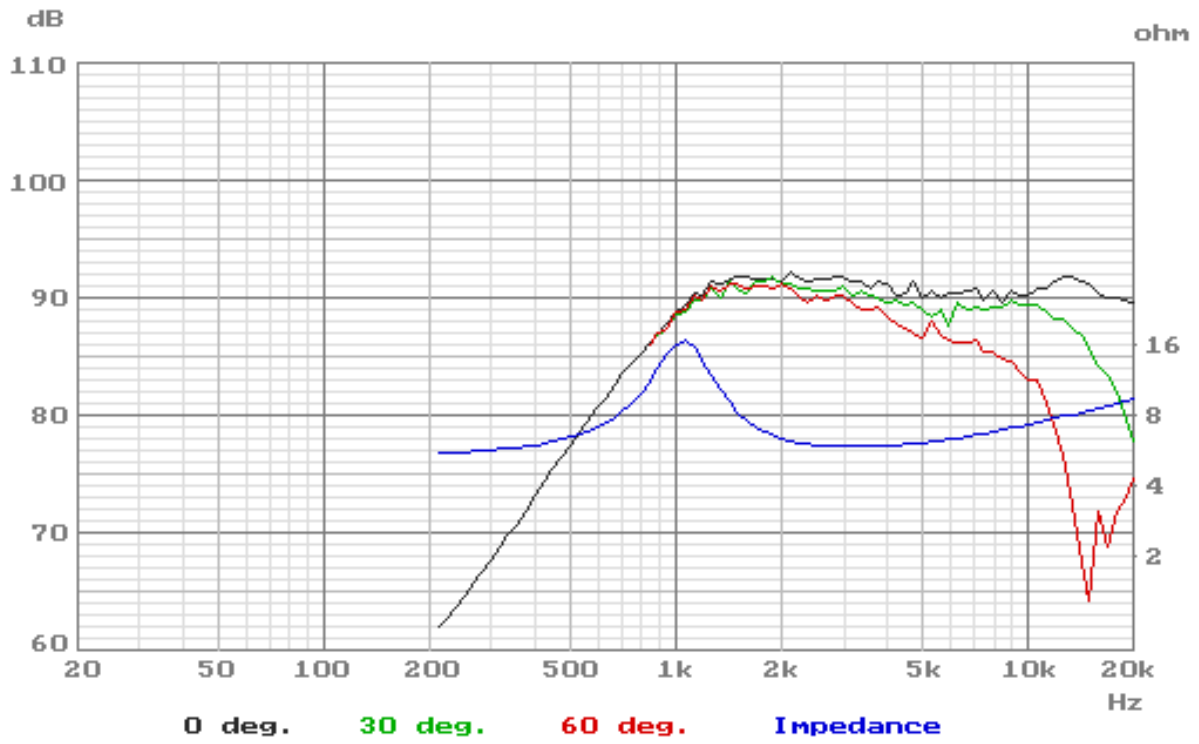
Long-term Max Power (IEC 18.3)	130	W
Short Term Max power (IEC 18.2)	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	26	mm
Voice coil height	1.8	mm
Voice coil layers	2	
Height of the gap	2.5	mm
Flux density of gap	1.5	mWb
Total useful flux	0.3	mWb
Diameter of magnet	72	mm
Height of magnet	15	mm
Weight of magnet	0.23	Kg

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

Frequency: 811830



Mechanical Dimensions:811830

