

3½" Midrange

Type Number: 821575

Features:



Specs:

Electrical Data

Nominal impedance	Zn	8	ohm
Minimum impedance	Zmin	6	ohm
Maximum impedance	Zo	21	ohm
DC resistance	Re	5.6	ohm
Voice coil inductance	Le	0.5	mH
Capacitor in series with x ohm	Cc	5	uF

T-S Parameters

Resonance Frequency	fs	104.6	Hz
Mechanical Q factor	Qms	2.92	
Electrical Q factor	Qes	1.06	
Total Q factor	Qts	0.78	
Force factor	Bl	3.9	Tm
Mechanical resistance	Rms	1	Kg/s
Moving mass	Mms	4.4	g
Suspension compliance	Cms	0.52	mm/N
Effective cone diameter	D	8.6	cm
Effective piston area	Sd	58	cm ²
Equivalent volume	Vas	2.5	ltrs
Sensitivity (2.83V/1m)		--	dB

Power handling

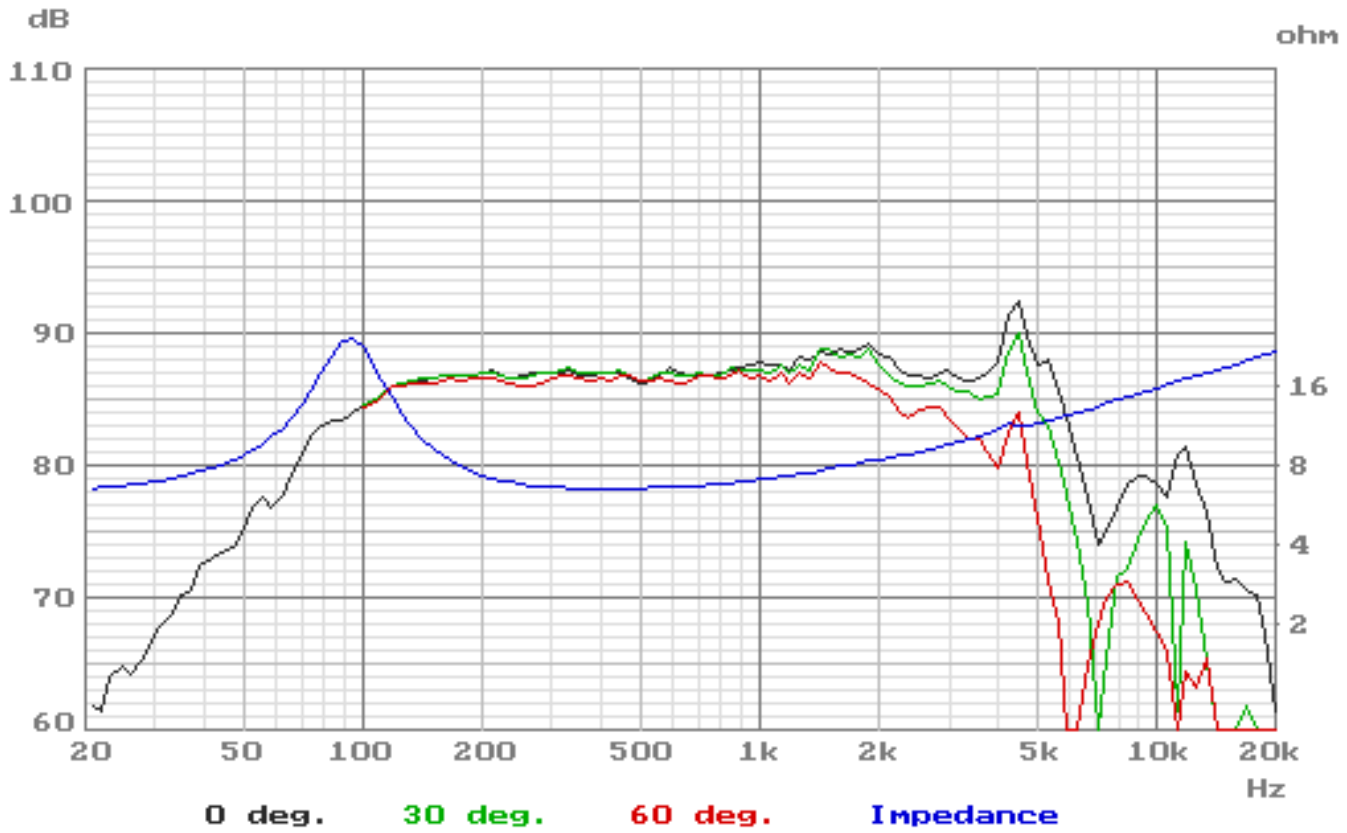
Long-term Max Power (IEC 18.3)	85	W
Max linear SPL (rms) @ power	104/90	dB/W
Short Term Max power (IEC 18.2)	--	W

Voice Coil and Magnet Parameters

Voice coil diameter	22	mm
Voice coil height	6.3	mm
Voice coil layers	2	
Height of the gap	4	mm
Flux density of gap	1	mWb
Total useful flux	0.35	mWb
Diameter of magnet	72	mm
Height of magnet	10	mm
Weight of magnet	0.16	Kg

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

Frequency: 821575



Mechanical Dimensions:821575

