

OX 3/4" Tweeter



Type Number: OX20SC00-04

Features:

In this tweeter design, the audio engineers have reinvented the traditional dome tweeter yet again. Based on the knowledge obtained from work on the Vifa XT series, the R&D team has combined a traditional dome design with the large surround of the XT. This results in a tweeter that has a very good dispersion and low distortion due to the improved control of the diaphragm.

Driver Highlights: Dome tweeter; fabric diaphragm; high sensitivity; a back chamber on the neodymium driver that lowers Fs for improved flexibility and performance when combined in a design with small woofers; improved airflow for lower compression, which improves the dynamic range of the tweeter; lower Qts for reduced distortion; improved cooling due to internal ventilation



Specs:

Electrical Data

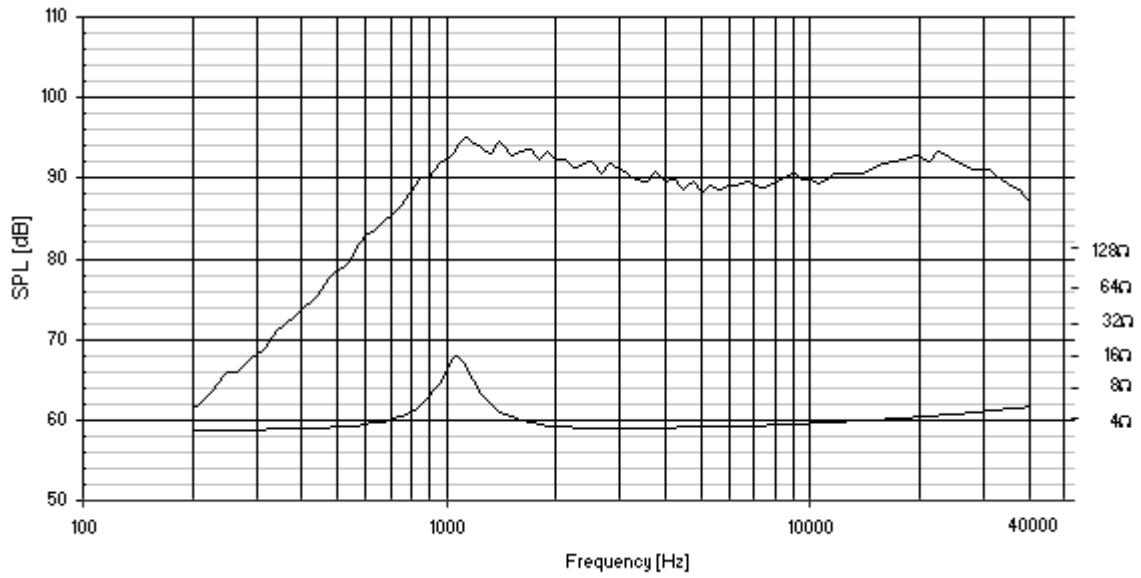
Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.97	ohm
Maximum impedance	Zo	15.5	ohm
DC resistance	Re	3.2	ohm
Voice coil inductance	Le	4.1	mH

T-S Parameters

Resonance Frequency	fs	1060	Hz
Mechanical Q factor	Qms	7.72	
Electrical Q factor	Qes	1.7	
Total Q factor	Qts	1.39	
Force factor	Bl	1.5	Tm
Mechanical resistance	Rms	0.15	Kg/s
Moving mass	Mms	0.2	g
Suspension compliance	Cms	0.13	mm/N
Effective cone diameter	D	2.4	cm
Effective piston area	Sd	4.5	cm ²
Equivalent volume	Vas	0.004	ltrs
Sensitivity (2.83V/1m)		91.1	dB
Ratio BL/√(Re)		0.8	

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

Frequency: OX20SC00-04



Mechanical Dimensions: OX20SC00-04

