

Driver Specification Sheet

Model No.: D26NC05-06

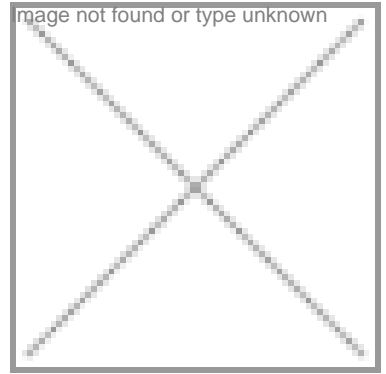
Product Line: Tymphany

Rev: 1

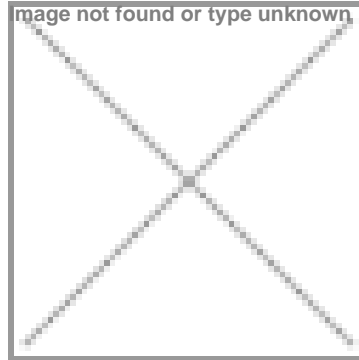
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Product Description

This D family tweeter features an 6 ohm 25 mm voice coil, a treated silk dome, a rear chamber for low resonant frequency and a ferrofluid-cooled NdFeB motor. The neodymium magnet and rear chamber allow for robust power handling capacity.



Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	4.66	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	5.99	7.5%	Moving Mass	Mms	g	0.4
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	28.2
Resonant Frequency	Fs	Hz	1579.09	15%	Effective Cone diameter	D	cm	3
Mechanical Q Factor	Qms		1.11		Effective Piston Area	Sd	cm^2	7.1
Electrical Q Factor	Qes	2.61			Effective Volume	Vas	L	0
Total Q Factor	Qts	0.78			Motor Force Factor	BL	Tm	2.53
Ratio Fs/Qts	F	Fs/Qts	2029.68		Motor Efficiency Factor	β	(T*M^2)/Ohms	1.4
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	88.66	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	87.4	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.79
Gap Height	Gh	mm	2.5		Rated Noise Power	P	W	30
Maximum Linear Excursion	Xmax	mm	0.5		Test Spectrum Bandwidth		1.3KHz-20KHz	
Ferrofluid Type	FF		APG834		Driver Size	Inch	25 mm	
Driver Mass	Kg	0.07						

Frequency and Impedance Response

