

Model No:: DX25TG49-04
Product Line: Tymphany

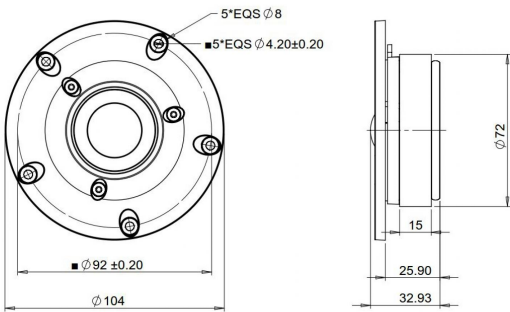
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Product Description

DX tweeter, 25 mm, fabric dome, ferrite motor, plastic basket,
4ohm.DX25TG09-04 with gasket



Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	3	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs	
Minimum Impedance	Zmin	Ohms	4.04	7.5%	Moving Mass	Mms	g	0.4
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N	148.7
Resonant Frequency	Fs	Hz	684.57	15%	Effective Cone diameter	D	cm	3.24
Mechanical Q Factor	Qms		2.38		Effective Piston Area	Sd	cm^2	8.2
Electrical Q Factor	Qes	0.71			Effective Volume	Vas	L	0.01
Total Q Factor	Qts		0.55		Motor Force Factor	BL	Tm	2.57
Ratio Fs/Qts	F	Fs/Qts	1253.8		Motor Efficiency Factor	β	(T*M^2)/Ohms	2.2
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	93.59	+/- 1.0db	Voice coil former Material	VCfm		ASV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	90.6	+/- 1.0db	Voice coil inner diameter	VCd	mm	25.76
Gap Height	Gh	mm	2.5		Rated Noise Power	P	W	100
Maximum Linear Excursion	Xmax	mm	0.2		Test Spectrum Bandwidth		2.5KHz -20KHz	
Ferrofluid Type	FF				Driver Size	Inch	25 mm	
Driver Mass	Kg	0.5						

Frequency and Impedance Response

