

Model No.: DA25TX00-08

Rev: 1

Product Line: Peerless

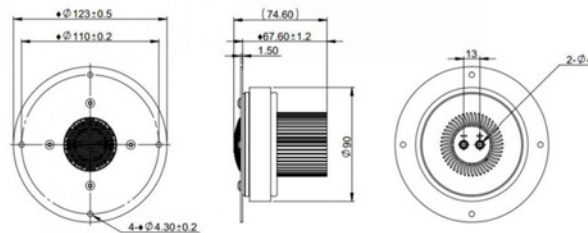
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Product Description

This DA family tweeter features an 8 ohm 1 inch voice coil, with Corundum dome, large rear chamber for low resonant frequency, and a ferrite motor with heat sink. The large motor and rear chamber allow for robust power handling capacity. The protective grille can be removed for the highest possible performance, however the dome is very delicate so we recommend the grille is fitted in normal operation.



Mechanical Drawing



Specifications

DC Resistance	Revc	Ohms	6.89	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs
Minimum Impedance	Zmin	Ohms	7.5	7.5%	Moving Mass	Mms	g
Voice Coil Inductance	Le	mH	0.01		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	633.75	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		1.98		Effective Piston Area	Sd	cm^2
Electrical Q Factor	Qes		0.85		Effective Volume	Vas	L
Total Q Factor	Qts		0.6		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	1063.34		Motor Efficiency Factor	β	(T*M^2)/Ohms
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	88.94	+/- 1.0db	Voice coil former Material	VCfm	AL
Half Space Sensitivity @1W/1M	db@1W/1M	dB	88.7	+/- 1.0db	Voice coil inner diameter	VCd	mm
Gap Height	Gh	mm	4		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	0.7		Test Spectrum Bandwidth	2K-20KHz	
Ferrofluid Type	FF		N/A		Driver Size	Inch	25 mm
Driver Mass	Kg		1.1				

Frequency and Impedance Response

