

Model Number: H26TG45-06  
Product Line: Peerless Silver

Revision: Rev 2  
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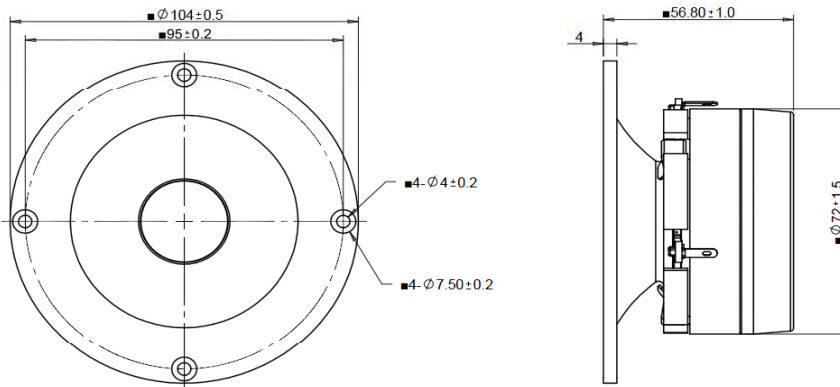


**Product Description:**

This H family tweeter features a 25 mm 6 ohm voice coil, a treated silk dome, a large rear chamber for low resonant frequency, and a ferrofluid-cooled ferrite motor. The large motor and rear chamber allows for robust power handling capacity. The tweeter comes with a faceplate with recessed mounting holes, for easy installation into the desired application. The faceplate has a horn geometry for increased sensitivity.



**Mechanical 2D Drawing:**



**Specifications:**

DC Resistance	$R_{evc}$	$\Omega$	4.7	$\pm 7.5\%$	Energy Bandwidth Product	EBP	$(1/Q_{es}) f_s$	906
Minimum Impedance	$Z_{min}$	$\Omega$	5.8	$\pm 7.5\%$	Moving Mass	$M_{ms}$	g	0.36
Voice Coil Inductance	$L_e$	mH	0.02		Suspension Compliance	$C_{ms}$	um/N	67.7
Resonant Frequency	$f_s$	Hz	1020	$\pm 20\%$	Effective Cone Diameter	D	cm	3.0
Mechanical Q Factor	$Q_{ms}$	-	1.0		Effective Piston Area	$S_D$	cm <sup>2</sup>	7.1
Electrical Q Factor	$Q_{es}$	-	1.13		Equivalent Volume	$V_{as}$	L	0.005
Total Q Factor	$Q_{ts}$	-	0.53		Motor Force Factor	BL	T·m	3.10
Ratio $f_s / Q_{ts}$	F	$f_s / Q_{ts}$	1943		Motor Efficiency Factor	$\beta$	$(T \cdot m^2) / \Omega$	2.05
Half Space Sensitivity @ 2.83V	dB@2.83V/1m	dB	96.0	$\pm 1.0^1$	Voice Coil Former Material	$VC_{fm}$	-	ASV
Sensitivity @ 1W/1m	1W/1m	dB	93.6	$\pm 1.0^1$	Voice Coil Inner Diameter	$VC_d$	mm	25.8
Rated Noise Power (IEC 2685 18.1)	P	W	100		Gap Height	Gh	mm	2.5
Test Spectrum Bandwidth	2.5KHz-20KHz	12 dB/Oct			Maximum Linear Excursion	$X_{max}$	mm	0.45
					Ferrofluid Type	FF	-	APGL11
					Transducer Size	-	-	25 mm
					Transducer Mass	-	-	0.532

1 - Piston Band Sensitivity Tolerance

**Frequency and Impedance Response:**

