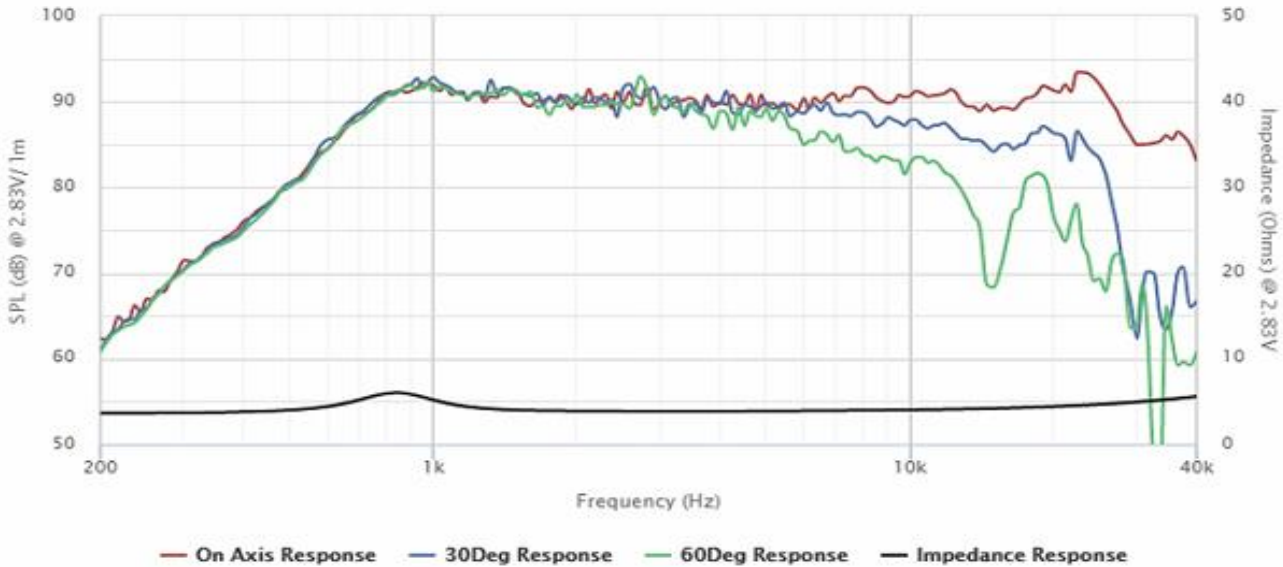


Peerless DX20BF00-04 20mm Textile Dome Tweeter - 4 ohm

This DX family tweeter features a 19 mm 4 ohm voice coil, a damped silk diaphragm with large surround roll to produce a low resonant frequency, and a ferrite magnet motor which adds heat sinking for power handling capacity. The faceplate features recessed mounting holes to minimize reflections.

This speaker has a very nice low end response, but since it is a 3/4" dome, recommend using it above 3,000Hz. Small 66mm (2.6") flange diameter



Specifications

DC Resistance	Revc	Ohms	2.81	5.0%
Minimum Impedance	Zmin	Ohms	3.83	7.5%
Voice Coil Inductance	Le	mH	0.01	
Resonant Frequency	Fs	Hz	822.14	15%
Mechanical Q Factor	Qms		2.24	
Electrical Q Factor	Qes		2.93	
Total Q Factor	Qts		1.27	
Ratio Fs/Qts	F	Fs/Qts	647.35	
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	90.14	+/- 1.0db
Half Space Sensitivity @1W/1M	db@1W/1M	dB	86.9	+/- 1.0db
Gap Height	Gh	mm	2	
Maximum Linear Excursion	Xmax	mm	0.2	
Ferrofluid Type	FF		APG027N	
Transducer Mass	Kg		0.17	
Energy Bandwidth Product	EBP	(1/Qes)*fs		
Moving Mass	Mms	g	0.2	
Suspension Compliance	Cms	um/N	184.5	
Effective Cone diameter	D	cm		
Effective Piston Area	Sd	cm^2	4.9	
Effective Volume	Vas	L	0	
Motor Force Factor	BL	Tm	1	
Motor Efficiency Factor	B	(T*M^2)/Ohms	0.4	
Voice coil former Material	VCfm		ASV	
Voice coil inner diameter	VCd	mm	19.3	
Rated Noise Power	P	W	60	
Test Spectrum Bandwidth			2.5KHz-20KHz	
Transducer Size	Inch		19 mm	

