

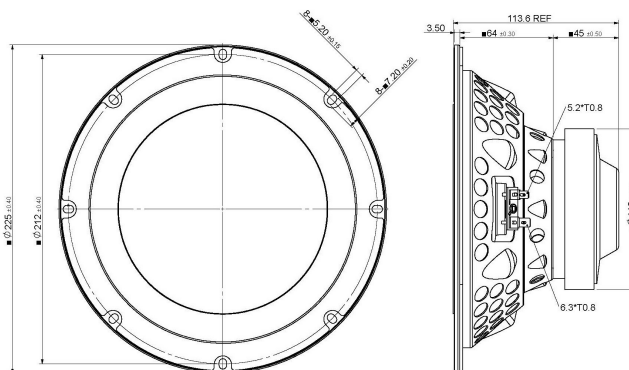
Subwoofer

This is 8 inch 4 ohm subwoofer is a member of the new SBS product family. This driver features a black anodized aluminum cone, inverted rubber surround, ferrite magnet, and steel basket. It is designed for high excursion applications.



SBS-200F35AL01-04

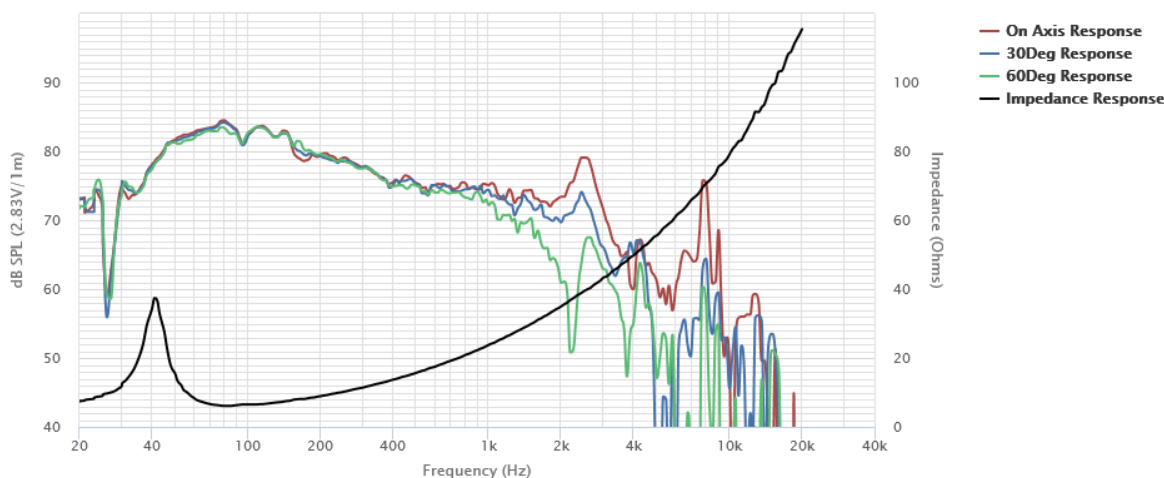
MECHANICAL 2D DRAWING



SPECIFICATIONS

DC Resistance	Revc	Ω	3.97	$\pm 5.0\%$	Moving Mass	Mms	g	70.4
Minimum Impedance	Zmin	Ω	6.13	$\pm 7.5\%$	Suspension Compliance	Cms	um/N	183.5
Voice Coil Inductance	Le	mH	0.96	-	Effective Cone Diameter	D	cm	16.5
Resonant Frequency	fs	Hz	44.29	15%	Effective Piston Area	Sd	cm ²	213.8
Mechanical Q Factor	Qms	-	6.38	-	Equivalent Volume	Vas	L	11.78
Electrical Q Factor	Qes	-	0.78	-	Motor Force Factor	BL	T•m	10
Total Q Factor	Qts	-	0.69	-	Motor Efficiency Factor	β	(T•m ²)/Q	25.2
Ratio	fs/Qts	-	63.9	-	Voice Coil Former Material	VCfm	-	ASV
Half Space Sensitivity	dB@2.83V/1m	dB	84.1	± 1.01	Voice Coil Inner Diameter	VCd	mm	35.55
Sensitivity	1W/1m	dB	82.9	± 1.01	Gap Height	Gh	mm	8
Rated Noise Power (IEC 268-5 18.1)	P	W	200	-	Maximum Linear Excursion	Xmax	mm	9.1
Test Spectrum Bandwidth		12 dB/Oct	40Hz-500Hz	-	Ferrofluid Type	FF	-	-
Energy Bandwidth Product	EBP	(1/Qes)•fs		-	Transducer Size		-	8 in
				-	Transducer Mass		-	Kg

FREQUENCY & IMPEDANCE RESPONSE



Highcharts.com