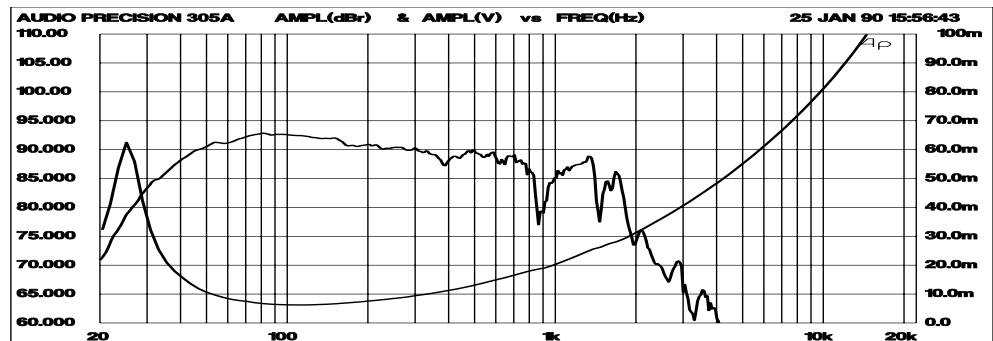
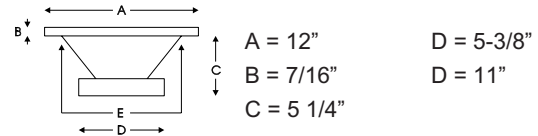


The Swan 305 Woofer

Swan 305 Specifications	
Fs	22.7
Impedance	8
Mmd	110.4 Grams
Cms	415.7 m/n
Vas	166.5 Liters
Rsc	5.2
Leap Krm	5.798 m
Leap Kxm	27.301 mH
Leap Erm	0.834
Leap Exm	0.775
vcL	3.82mH @ 1K
Bl	14.74 Tm
Qms	9.654
Qes	0.401
Qts	0.385
Xmax	7.3 mm Peak
SD	0.0531 m ²
Surround	Foam
Magnet	40 oz.
Voice Coil	2 Inch
Power Handling	200 watts
Freq. Response	25—1500 Hz
Efficiency	90 dB @2.83V
Uses	Home Hi-Fi, Auto
Price	\$58.00



Swan 305 Suggested Alignments				
Box Volume	56 Liter	70 Liter	90 Liter	120 Liter
Bass 1W /1m F3	42 Hz	32 Hz	28 Hz	25 Hz
Box Vent Freq. Fb	Sealed	24 Hz	24 Hz	24 Hz
Port Diameter		3	3	3
Inches				
Port Length		11	8.2	5.6
Inches				



Eclipse Woofers by Eminence

Eclipse 10" Polypropylene cone woofer with rubber surround and vented pole piece.

Eclipse 12" Polypropylene cone woofer with rubber surround and vented pole piece.

W1038R 10" Poly Cone Woofer	
Fs	18.36
Impedance	6 ohm
Mmd	58.4 Grams
Cms	1207.4 m/n
Vas	214.9 Liters
Rsc	4.7
Leap Krm	3.439
Leap Kxm	25.412
Leap Erm	0.813
Leap Exm	0.670
vcL	1.4mH @ 1K
Bl	9.95 Tm
Qms	4.694
Qes	0.341
Qts	0.318
Xmax	8.0 mm Peak
SD	0.0354 m ²
Surround	Rubber
Magnet	40 oz.
Voice Coil	2 Inch
Power Handling	100 watts
Freq. Response	28—1500 Hz
Efficiency	88 dB @2.83V
Price	\$57.00



Frame Size:
 10 1/8" diameter
 9 1/8" cutout diameter
 4 7/16" depth

Sealed Box Alignment
 2 cubic feet
 F3 of 40Hz
 Qtc of .7

Vented Box Alignments
 QB3 alignment
 2.9 cubic feet
 F3 of 28Hz
 3" diameter x 9" long

W1238R 12" Poly Cone Woofer	
Fs	21.48
Impedance	6 ohm
Mmd	86.5 Grams
Cms	586.39 m/n
Vas	236.55 Liters
Rsc	4.9
Leap Krm	3.368
Leap Kxm	28.125
Leap Erm	0.868
Leap Exm	0.738
vcL	2.84mH @ 1K
Bl	15.38 Tm
Qms	6.599
Qes	0.262
Qts	0.252
Xmax	8.0 mm Peak
SD	0.0533 m ²
Surround	Rubber
Magnet	40 oz.
Voice Coil	2 Inch
Power Handling	150 watts
Freq. Response	25—1000 Hz
Efficiency	92 dB @2.83V
Price	\$61.00



Frame Size:
 12" diameter
 11" cutout diameter
 5 3/8" depth

Vented Box Alignment
 2.0 cubic feet
 F3 of 35Hz
 3" diameter x 6" long
 w/KG5150 F3 30Hz

This speaker should be a good choice for a small powerful subwoofer.