

DRIVE UNIT REPORT

Mfg., Model Kicker Solobaric

Description: S12D 12" Subwoofer

Sample # Sample #1

Report date: 08/05/02

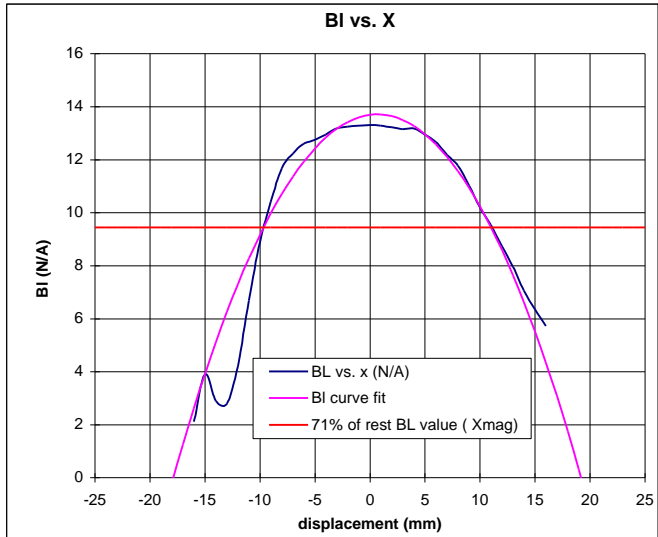
Outside Dimensions

Max Diameter (mm): 319
 Min Diameter (mm): 319
 Mounting Depth (mm): 144
 Magnet Diameter (mm): 155
 Driver weight (Kg): 6.08

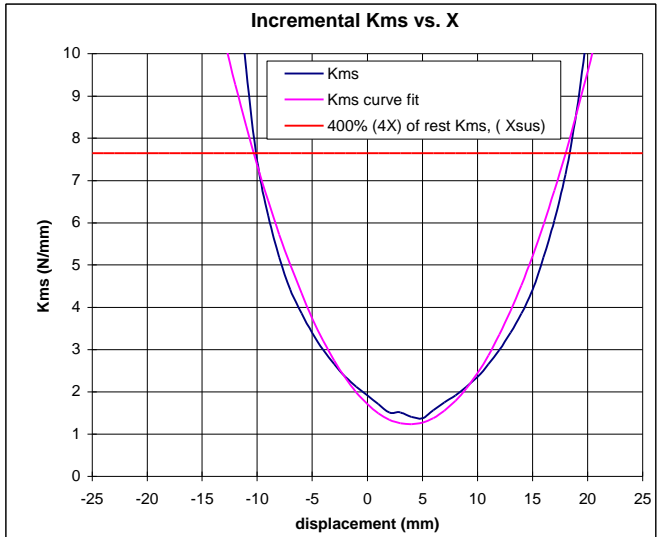
Thiele-Small Parameters @ x=0	
Fs	18.13 Hz
Qe	0.3330
Qm	7.0962
Qts	0.3181
Vas	205.9862 ltr.
Sd	0.0530 m ²
Re	3.5161 ohm

Electro-Mechanical Parameters @ x=0	
Mmd	140.52 g
Cms	0.0005 m/N 0.522966 mm/N
Rms	2.3660 ohmm
Sd	0.0530 m ² effective radius
Bl	13.3140 N/A 129.83 mm
Re	3.52 ohm

X Parameters from Curve Fit					
Xmag	10.34	Xsus	14.16	Xmax	10.34
Mag Center	0.67128	Sus Center	3.8531		
Bl	13.6972	K	1.8613		
Bl x coef A	0.00391	K x coef A	-0.0555		
Bl x ² coef B	-0.00291	K x ² coef B	0.0047		



manual BL fit
-11 mm to 12 mm



manual Kms fit
-11 mm to 12 mm

