

DRIVE UNIT REPORT

Mfg., Model Image Dynamics iD-MAX V.2 D2

Description: 12" Subwoofer

Sample # Sample #1

Report date: 09/15/02

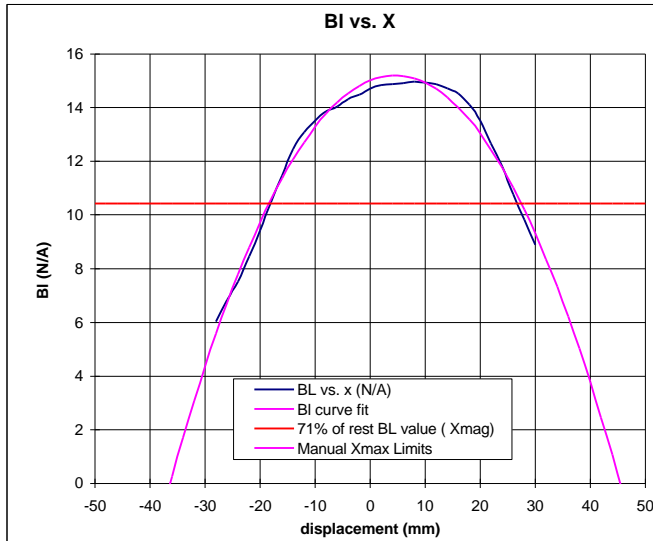
Outside Dimensions

Max Diameter (mm): 317
 Min Diameter (mm): 317
 Mounting Depth (mm): 206
 Magnet Diameter (mm): 166
 Driver weight (Kg): Driver Weight in Kg

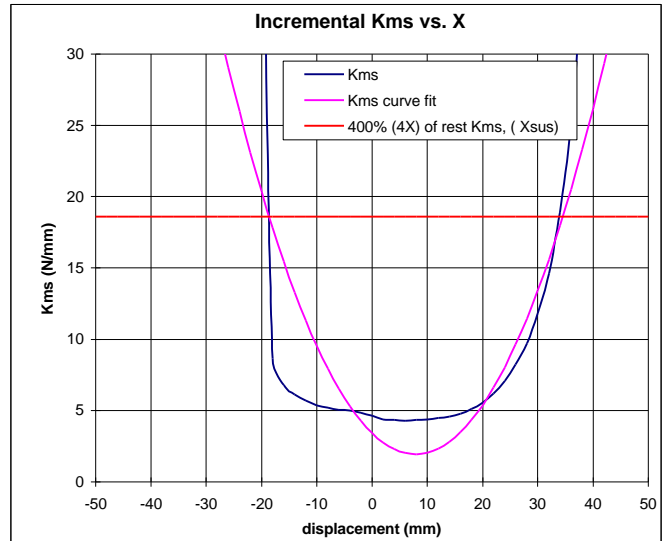
Thiele-Small Parameters @ x=0	
Fs	27.66 Hz
Qe	0.5118
Qm	2.1276
Qts	0.4125
Vas	85.0009 ltr.
Sd	0.0530 m ²
Re	4.1360 ohm

Electro-Mechanical Parameters @ x=0		
Mmd	146.85 g	
Cms	0.0002 m/N	0.215251 mm/N
Rms	12.5621 ohmm	
Sd	0.0530 m ²	effective radius
Bl	14.6971 N/A	129.92 mm
Re	4.14 ohm	

X Parameters from Curve Fit					
Xmag	22.91	Xsus	26.56	Xmax	22.91
Mag Center	4.54691	Sus Center	7.9323		
Bl	15.0122	K	4.4816		
Bl x coef A	0.0055	K x coef A	-0.0102		
Bl x ² coef B	-0.0006	K x ² coef B	0.0006		



manual BL fit
-28 mm to 30 mm



manual Kms fit
-20 mm to 30 mm

