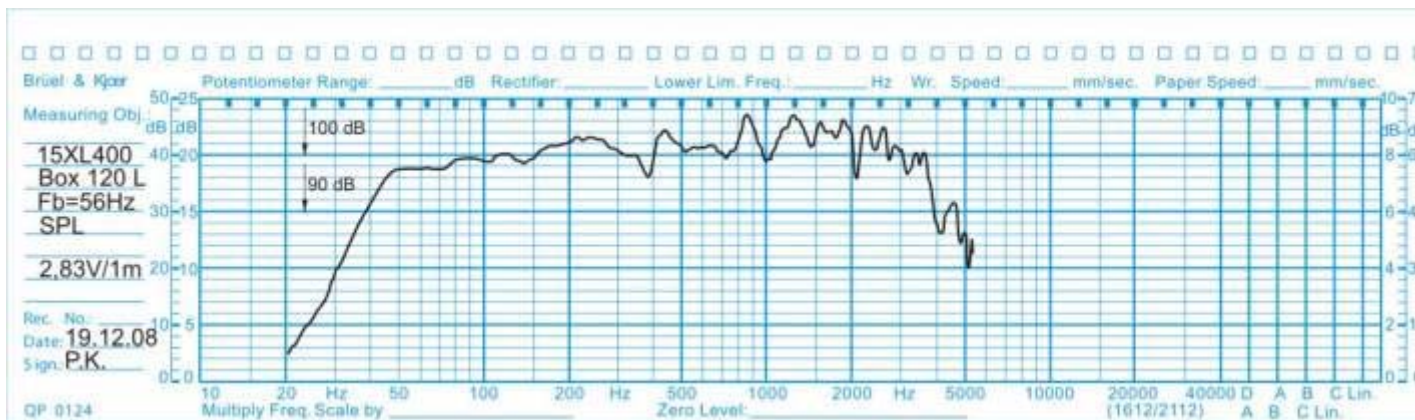


Model : 15 XL 400

OBERTON



Application : Midbass with extended midrange

SPECIFICATIONS		THIELE-SMALL PARAMETERS	
Nominal Diameter	15"/388 inch/mm	Resonance Frequency	48.78 Hz
Impedance	8 Ohm	Mechanical Efficiency Factor (Qms)	9.30
Minimum Impedance	6.39 Ohm	Electrical Efficiency Factor (Qes)	0.350
Power Capacity AES ¹	450 W	Total Q (Qts)	0.337
Power Capacity ²	350 W	Equivalent Air Volume (Vas)	140.00 Litres
Program Power ³	900 W	Diaphragm mass ind. airload (Mms)	73.05 grams
Sensitivity	(200-2000 Hz) 102 dB/W/m	Voice Coil Resistance Re	5.6 Ohms
Frequency Range	50 - 3500 Hz	Effective Diagram Area (Sd)	829.6 cm²
Voice Coil Diameter	77 mm	Peak Linear Displacement of Diaphragm (Xmax)	± 5.25 mm
Voice Coil Material	Aluminium	Mechanical Compliance of Suspension (Cms)	18.92 T.m
Voice Coil Former	Kapton™	BL Product (BL)	0.76 mH
Voice Coil Winding	15 mm	V.C. Inductance at 1 kHz (Le)	
Depth	9 mm		
Magnet Gap Depth	Kevlar paper		
Cone Material	Die cast aluminium		
Basket	Ferrite		
Magnet	1.33 T		
Flux Density			
1. AES standard. Power is calculated on rated minimum impedance. 2. Measurement is in 125 L box enclosure tuned 56 Hz using a 40-400 Hz band limited pink noise test signal applied continuously for 2 hours. 3. Program power is defined as 3db greater than AES Power Capacity.		* Linear Mathematical Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$ where Hvc is the voice coil depth and Hg is the gap depth.	
MOUNTING INFORMATION			
Overall Diameter		388 mm	
Baffle Hole Diameter		352 mm	
Number of Mounting Holes		8 elliptic 7x8 mm	
Bolt Circle Diameter		370/372 mm	
Overall Depth		162.5 mm	
Net Weight		7.5 kg	
<p>The 15XL400 speaker combining very good linearity and efficiency with high power handling capabilities, with use of 77 mm aluminium voice coil. It features aluminium die cast frame, 180 mm magnet structure. 15XL400 is suitable for application as the LF driver in</p>			