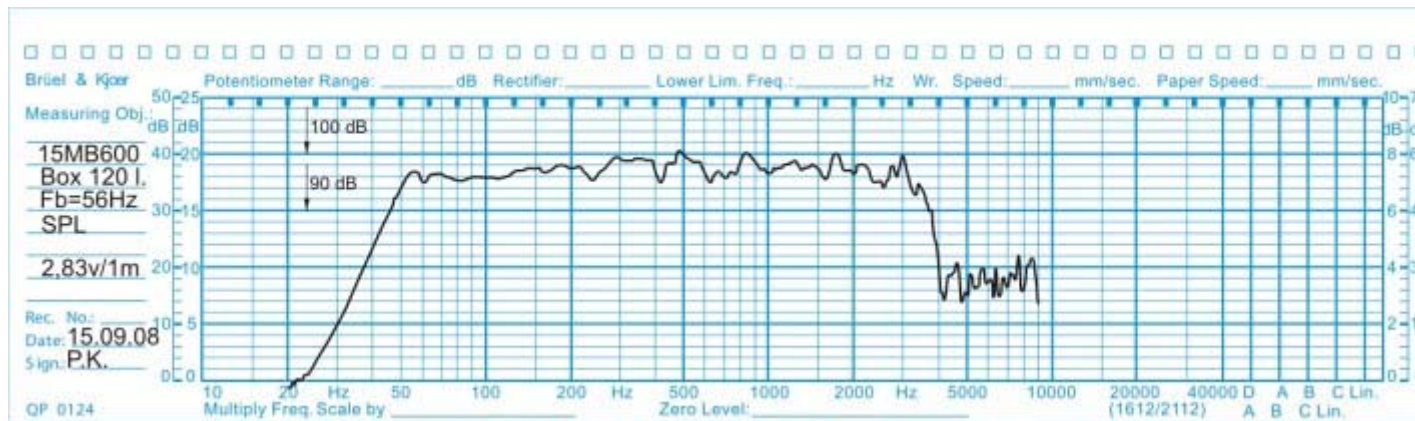


Model : 15 MB 600

OBERTON



Application : Mid-bass

SPECIFICATIONS		THIELE-SMALL PARAMETERS	
Nominal Diameter	15"/385 inch/mm	Resonance Frequency	32.4 Hz
Impedance	8 Ohm	Mechanical Efficiency Factor (Qms)	10.94
Minimum Impedance	6.67 Ohm	Electrical Efficiency Factor (Qes)	0.173
Power Capacity AES ¹	700 W	Total Q (Qts)	0.171
Power Capacity ²	600 W	Equivalent Air Volume (Vas)	204 Litres
Program Power ³	1400 W	Diaphragm mass ind. airload (Mms)	113.28 grams
Sensitivity	(200-2000 Hz) 98 dB/W/m	Voice Coil Resistance Re	5.23 Ohms
Frequency Range	37 - 2000 Hz	Effective Diagram Area (Sd)	829.6 cm²
Voice Coil Diameter	100 mm	Peak Linear Displacement of Diaphragm (Xmax)	±5.5 mm
Voice Coil Material	Copper	Mechanical Compliance of Suspension (Cms)	26.38 T.m
Voice Coil Former	Kapton™	BL Product (BL)	1.05mH
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	1.40 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		354 mm	
Number of Mounting Holes		8 with dia. 7mm	
Bolt Circle Diameter		370/372 mm	
Overall Depth		174.4 mm	
Net Weight		10.45 kg	
<p>15MB600 is a high power 15 inch mid-bass loudspeaker, with high efficiency and perfect linearity. It features a 4" sandwich voice coil, 220 mm magnet structure, vented aluminium frame, double spider assembly and aluminum de modulating ring that reduces distortions and improves cooling of the voice coil. 15MB600 is suitable for compact size bass reflex enclosures and horn loaded or hybrid horn loaded systems.</p>			