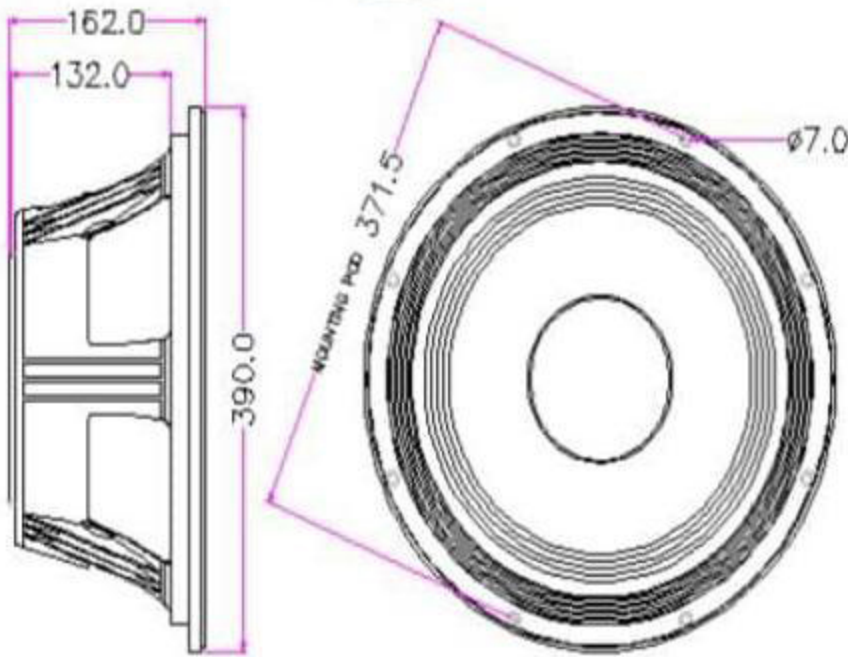


Sound Tech Acoustic Sdn Bhd

MODEL : STA-15BM500

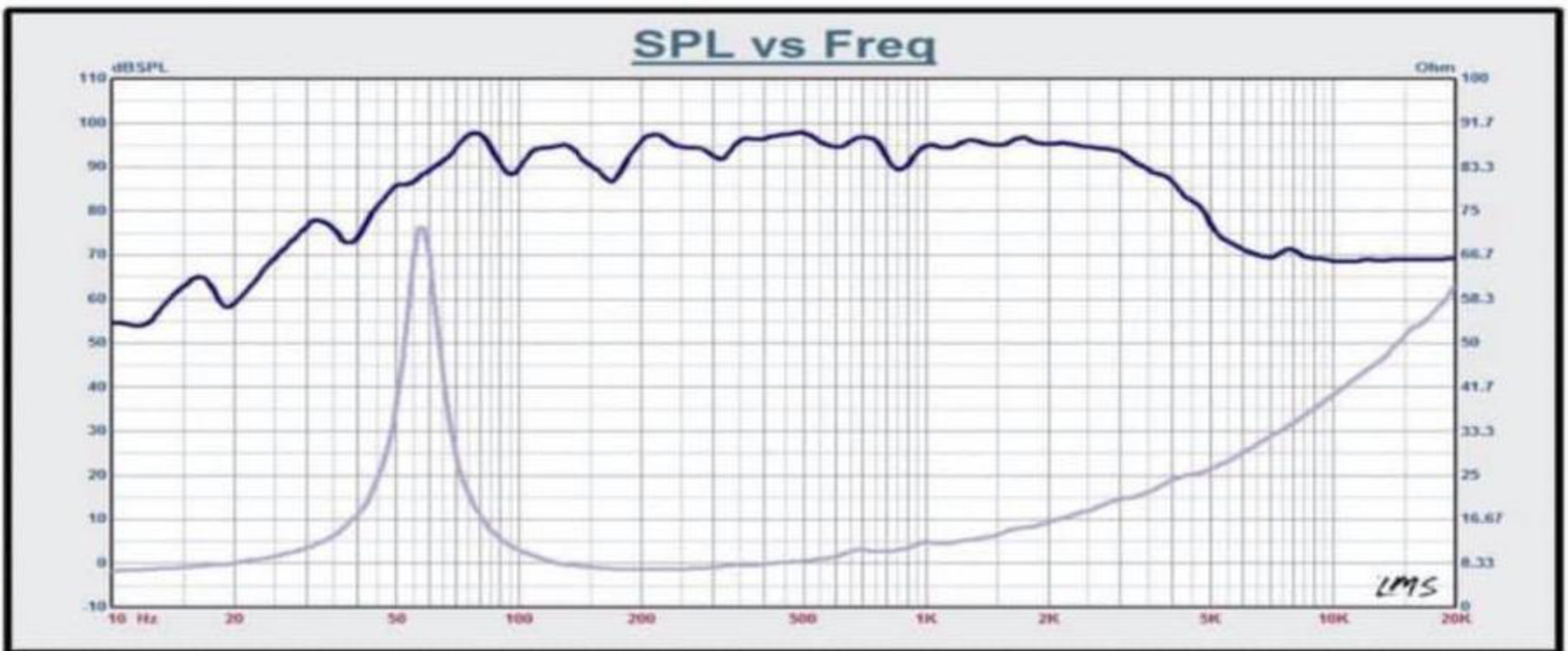


GENERAL SPECIFICATIONS

Parameter	Spec	Units
Nominal Diameter	384	mm / 15.1in
Rate Impedance	8	Ohms
Power Rating *	500	W
Program Power	1000	W
Sensitivity **	96	dB
Frequency Range	45 ~ 3500	Hz
Max. Excursion	7	mm
Voice Coil Diameter	75.5	mm/3 in
VC Wire Material	CCAW	
Number of Layer	2	Layer
Cone Material	Press Pulp	
Surround Material	PolyCotton	
Magnet Weight	78	Oz
Top Plate Thickness	10	mm
Pole Plate	Vented	

THIELE SMALL PARAMETER

Parameter	Spec	Units
Resonance Frequency	Fs	41.05 Hz
DC Resistance	Re	6.04 Ohm
Mechanical Factor	Qms	7.93
Electrical Factor	Qes	0.42
Total Factor	Qts	0.40
BL Factor	BL	18.06 T-M
Moving Mass	Mms	89.55 grams
Compliance Equivalent Volume	Vas	172.5 Liters
Effective Piston Area	Sd	330 cm2
Max. Linear Excursion	Xmax	3.50 MM
Voice Coil inductance @ 1KHz	Le 1K	0.54 MH



MOUNTING INFORMATION

Overall Diameter	384 mm / 15.1 in.
Front Mounting Cut	353 mm / 13.9 in.
Rear Mounting Cut	351 mm / 13.81 in.
Mounting Hole Diameter	7 mm / 0.28 in.
Mounting Hole PCD	371.5 mm / 14.6 in.
Depth	168.0 mm / 6.61 in.

SHIPPING INFORMATION

Net Weight	8.2 Kg / 18lbs
Shipping Weight	10.8 Kg / 23.3lbs

Note

- * Evaluated under AES noise and test standard
- ** Measurement base on 2.83V at 1W/1M