



Product Specification

General Specifications

Type	Woofer			
Nominal Diameter	15	inch	381	mm
Rated Impedance	8	Ω		
Power Handling Capacity	300	W(AES)		
Operating Bandwidth (± 10 dB)	40-3k	Hz		
Sensitivity @ 1W 1M	93	dB		
Effective Piston Diameter	335.0	mm	13.2	inch
Voice Coil Diameter	60.5	mm	2	inch

Physical Information

Magnet	Type	Ferrite		
	Size (mm)	156	80	20
	Weight	49.7 oz.		
Basket	Material	Steel		
	Color	Brown		
Voice Coil	Wire	SV-W		
	Former	ASV		
Cone		Paper		
Surround		Cloth		
Dust Cap		Paper		
Spider		Cotton		
Gasket		EVA		
Unit Weight	(kg)	4.5		
Packing Quantity		1		
size	(mm)	400	400	180
	(inch)	15.7	15.7	7.1
	cu.ft	1.02	Gross Weight	5.2 kg

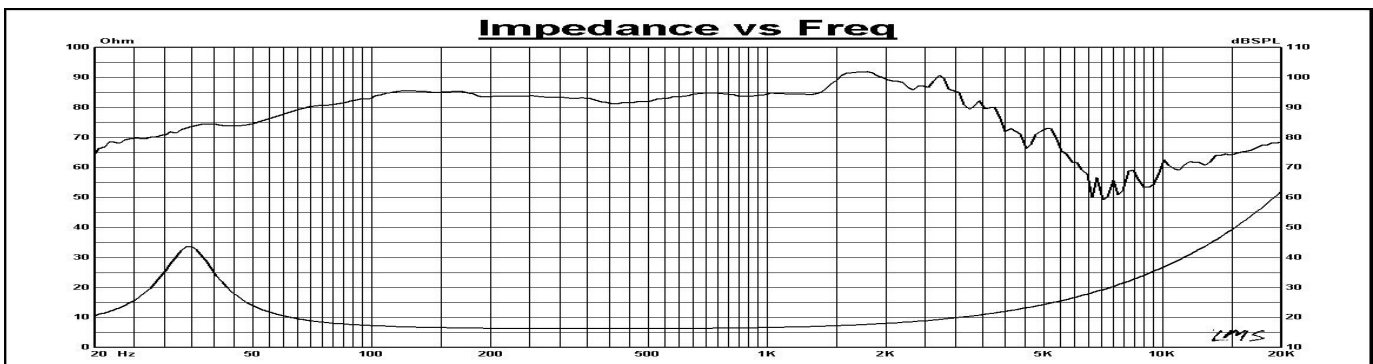
Thiele - Small Parameters

Resonance Frequency	F_s	34	Hz
DC Resistance	R_e	6.2	Ω
Mechanical Q Factor	Q_{ms}	3.19	
Electrical Q Factor	Q_{es}	0.71	
Total Q Factor	Q_{ts}	0.58	
BL Factor	BL	13.69	T x m
Moving mass including surround	M_{ms}	100.03	g
Moving mass excluding surround	M_{md}	85.65	g
Equivalent Cas air load	V_{as}	219.96	liters
Effective piston area	S_d	855.3	cm ²
Voice - coil inductance @ 1KHz	L_e	0.41	mH
Half-space efficiency	Eff	1.22	%
Mechanical compliance	C_{ms}	2.1 e-04	m/N
Loss resistance of suspension	R_{ms}	6.80	Ns/m
Voice Coil Over-Hung	X_{max}	3.5	mm
Airgap Height	H_{ag}	8	mm
Voice coil Height	H_{vc}	15	mm

Power Test

Apply Voltage	-	V	Duration	-	hour
High pass	-	Hz	Low pass	-	Hz

Frequency Response



Revision	A
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Code Number	F01011505201TMK			
Model Name	EU-15ML BROWN 8 OHMS			
Description	15" Ferrite Woofer			
Customer Name	TMK			
Tester	-	Date	25-Nov-14	
Engineer	-	Date	25-Nov-14	
Approved	-	Date	25-Nov-14	

Physical Dimensions

Overall Diameter	390.2	mm	15.4	inch
Baffle Cutout Diameter	357.3	mm	14.1	inch
Mouting Hole Diameter	377.0	mm	14.8	inch
Bolt Circle Diameter	8 x ϕ 6.5 mm			
Depth	151.8	mm	6.0	inch

