

# BM-SERIES

## 12BM-300B LOW & BASS TRANSDUCER

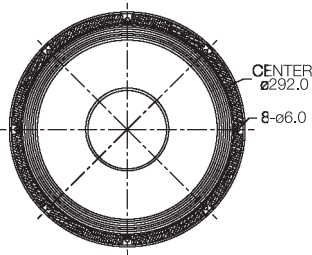
### GENERAL SPECIFICATIONS

Power Rating	: 300	W(rms)
Nominal Chassis Diameter	: 305	mm (12 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 100	dB
Magnet Weight	: 2.56	Kg
	90.31	oz
Resonant Frequency	Fs : 55	Hz
Impedance	Re : 5.3	ohm
Electromagnetic Q	Qes : 0.24	
Mechanical Q	Qms : 5.45	
Total Q	Qts : 0.23	
Compliance Equivalent Volume	VAS : 68.14	Liters
Surface Area of Cone	Sd : 510	cm <sup>2</sup>
Reference Efficiency	o : 4.6	%
Voice Coil Overhang	Xmax : 3	mm
Diaphragm Mass inc Airload	Mms : 44.65	Gram
BI Product	BL : 18.39	TM
Coil Inductance	Le : 0.75	mH

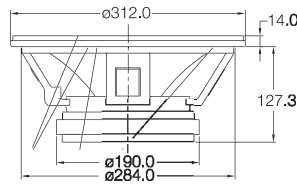


### MATERIALS OF CONSTRUCTION

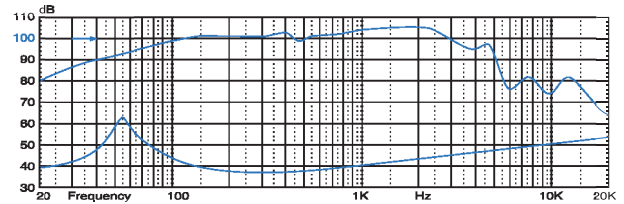
APS ferrite magnet. Cast aluminium chassis. Paper cone.  
Plasticised cloth (linen) cone edge. Solid composition paper dust cap.  
3" Round copper clad aluminium wire voice coil.  
Fiber glass former.



TOP VIEW



SIDE VIEW



## 12BM-200B MID & BASS TRANSDUCER

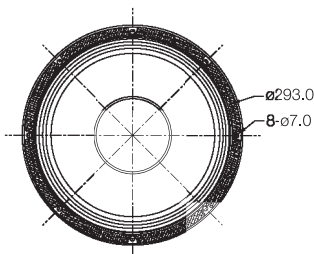
### GENERAL SPECIFICATIONS

Power Rating	: 200	W(rms)
Nominal Chassis Diameter	: 305	mm (12 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 97	dB
Magnet Weight	: 1.66	Kg
	58.62	oz
Resonant Frequency	Fs : 48	Hz
Impedance	Re : 6.2	ohm
Electromagnetic Q	Qes : 0.25	
Mechanical Q	Qms : 7.11	
Total Q	Qts : 0.24	
Compliance Equivalent Volume	VAS : 61.41	Liters
Surface Area of Cone	Sd : 510	cm <sup>2</sup>
Reference Efficiency	o : 2.61	%
Voice Coil Overhang	Xmax : 1.5	mm
Diaphragm Mass inc Airload	Mms : 64.93	Gram
BI Product	BL : 21.79	TM
Coil Inductance	Le : 0.99	mH

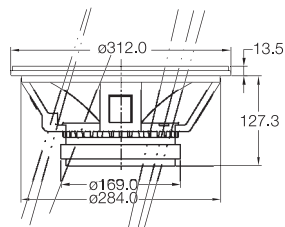


### MATERIALS OF CONSTRUCTION

APS ferrite magnet. Cast aluminium chassis. Paper cone.  
Plasticised cloth (linen) cone edge. Solid composition paper dust cap.  
2.5" Round copper wire voice coil. Kapton former.



TOP VIEW



SIDE VIEW

