

BM-SERIES

BM-12LF LOW FREQUENCY TRANSDUCER

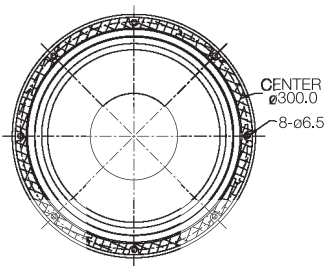
GENERAL SPECIFICATIONS

Power Rating	: 400~800	Watts
Nominal Chassis Diameter	: 305	mm (11.8 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 98	dB
Magnet Weight	: 2.85	Kg
	100.55	oz
Resonant Frequency	Fs : 50	Hz
Impedance	Re : 6	ohm
Electromagnetic Q	Qes : 0.24	
Mechanical Q	Qms : 6.55	
Total Q	Qts : 0.23	
Compliance Equivalent Volume	VAS : 42.67	Liters
Surface Area of Cone	Sd : 510	cm ²
Reference Efficiency	o : 2.2	%
Voice Coil Overhang	Xmax : 5	mm
Diaphragm Mass inc Airload	Mms : 85.38	Gram
Bl Product	BL : 25.66	TM
Coil Inductance	Le : 1.4	mH

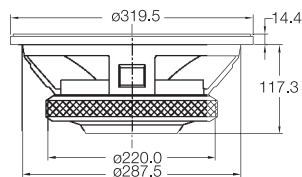


MATERIALS OF CONSTRUCTION

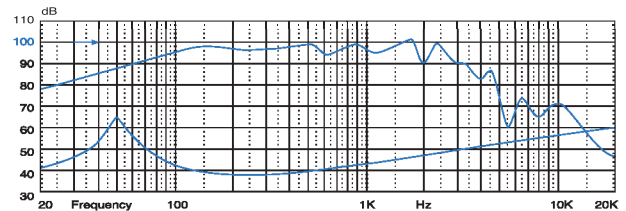
APS ferrite magnet. Cast aluminium chassis. Paper cone. Plasticised cloth (linen) cone edge. Solid composition paper dust cap. 4" edge wound copper wire voice coil. Kapton former.



TOP VIEW



SIDE VIEW



BM-18W LOW & BASS TRANSDUCER

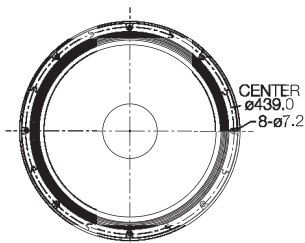
GENERAL SPECIFICATIONS

Power Rating	: 350~700	Watts
Nominal Chassis Diameter	: 460	mm (18 in)
Nominal Impedance	: 8	ohm
Sensitivity (1w/1m)	: 100	dB
Magnet Weight	: 2.85	Kg
	100.55	oz
Resonant Frequency	Fs : 29.5	Hz
Impedance	Re : 5.6	ohm
Electromagnetic Q	Qes : 0.4	
Mechanical Q	Qms : 4.6	
Total Q	Qts : 0.37	
Compliance Equivalent Volume	VAS : 519.2	Liters
Surface Area of Cone	Sd : 1244	cm ²
Reference Efficiency	o : 3.19	%
Voice Coil Overhang	Xmax : 4.5	mm
Diaphragm Mass inc Airload	Mms : 123	Gram
Bl Product	BL : 17.61	TM
Coil Inductance	Le : 0.8	mH

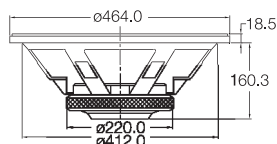


MATERIALS OF CONSTRUCTION

APS ferrite magnet. Cast aluminium chassis. Paper cone. Plasticised cloth (linen) cone edge. Solid composition paper dust cap. 4" edge wound aluminium voice coil. Fiber glass former.



TOP VIEW



SIDE VIEW

