

# BM-SERIES COAXIAL

## BM-10CXA COAXIAL TRANSDUCER

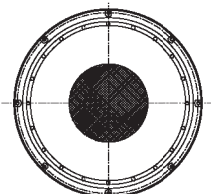
### GENERAL SPECIFICATIONS

Nominal Diameter	: 254	mm (10 in)
Nominal Impedance	: 4~8	ohm
Power Capacity (RMS)	: 150~300	Watts
Sensitivity 1W/1M	: 98	dB
Resonant Frequency	Fs : 68	Hz
Impedance	Re : 5.7	ohm
Electromagnetic Q	Qes : 0.34	
Mechanical Q	Qms : 7.55	
Total Q	Qts : 0.33	
Compliance Equivalent Volume	VAS : 33.14	Liters
Surface Area of Cone	Sd : 340	cm <sup>2</sup>
Reference Efficiency	$\eta_0$ : 2.93	%
Voice Coil Overhang	Xmax : 3	mm
Diaphragm Mass inc Airload	Mms : 45.46	Gram
Bl Product	BL : 13.71	TM
Voice Coil Diameter	: 63.7	mm (2.5 in)
Voice Coil Material	: Edge Wound Copper Clad Aluminium Wire	

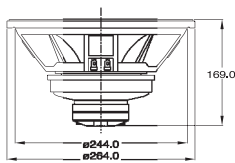
Gross Weight : 7.7 Kg (16.94Lb)  
 Packing Dimension WxLxH (mm) : 315 X 315 X 205  
 12.4in X 12.4in X 8.0in (0.12 Cu.Ft.)

### HF UNIT

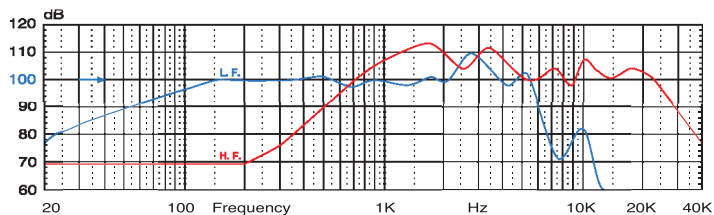
Power Capacity (RMS)	: 30/60W	Cont Program
Sensitivity 1W/1M	: 106	dB on PH-3220 Horn
Frequency Range	: 1.5K~18K	Hz
Voice Coil Diameter	: 44.4	mm (1.75 in)
Diaphragm Material	: Titanium	
Dispersion Pattern	: 80°	



TOP VIEW



SIDE VIEW



## BM-8CXA COAXIAL TRANSDUCER

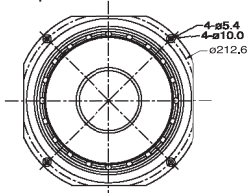
### GENERAL SPECIFICATIONS

Nominal Diameter	: 204	mm (8 in)
Nominal Impedance	: 4~8	ohm
Power Capacity (RMS)	: 100~200	Watts
Sensitivity 1W/1M	: 95	dB
Resonant Frequency	Fs : 53	Hz
Impedance	Re : 6.5	ohm
Electromagnetic Q	Qes : 0.22	
Mechanical Q	Qms : 4.6	
Total Q	Qts : 0.21	
Compliance Equivalent Volume	VAS : 26.45	Liters
Surface Area of Cone	Sd : 210	cm <sup>2</sup>
Reference Efficiency	$\eta_0$ : 1.68	%
Voice Coil Overhang	Xmax : 3	mm
Diaphragm Mass inc Airload	Mms : 21.34	Gram
Bl Product	BL : 14.31	TM
Voice Coil Diameter	: 51.33	mm (2.02 in)
Voice Coil Material	: Round Copper Wire Kapton	

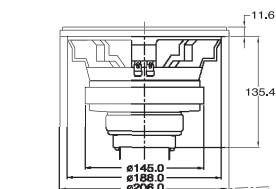
Gross Weight : 5.1 Kg (11.2Lb)  
 Packing Dimension WxLxH (mm) : 240 X 240 X 195  
 9.4in X 9.4in X 7.6in (0.06 Cu.Ft.)

### HF UNIT

Power Capacity (RMS)	: 20/30W	Cont Program
Sensitivity 1W/1M	: 105	dB on PH-3616 Horn
Frequency Range	: 800~20K	Hz
Voice Coil Diameter	: 34.4	mm (1.35 in)
Diaphragm Material	: Titanium	
Dispersion Pattern	: 90°	



TOP VIEW



SIDE VIEW

