

# BM-SERIES COAXIAL

## BM-10CXA COAXIAL TRANSDUCER

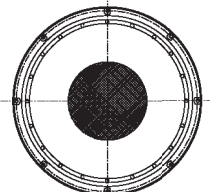
### GENERAL SPECIFICATIONS

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	

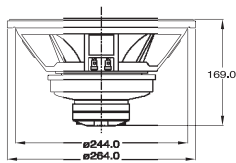
Gross Weight : 7.7 Kg (16.94Lb)  
 Packing Dimension WxLxH (mm) : 315 X 315 X 205  
 12.4in X 12.4in X 8.0in (0.12 Cu.Ft.)

### HF UNIT

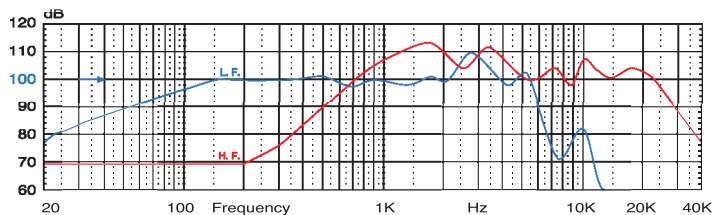
Power Capacity (RMS)	: 30/60W	Cont Program	
Sensitivity 1W/1M	: 106	dB on PH-3220 Horn	
Frequency Range	: 1.5K~18K	Hz	
Voice Coil Diameter	: 44.4	mm	(1.75 in)
Diaphragm Material	: Titanium		
Dispersion Pattern	: 80°		



TOP VIEW



SIDE VIEW



## BM-8CXA COAXIAL TRANSDUCER

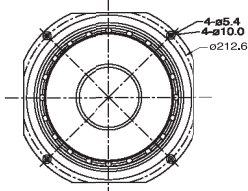
### GENERAL SPECIFICATIONS

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	

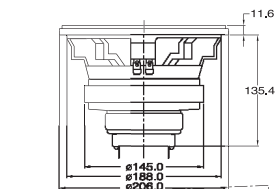
Gross Weight : 5.1 Kg (11.2Lb)  
 Packing Dimension WxLxH (mm) : 240 X 240 X 195  
 9.4in X 9.4in X 7.6in (0.06 Cu.Ft.)

### 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

