

# BM-SERIES COAXIAL

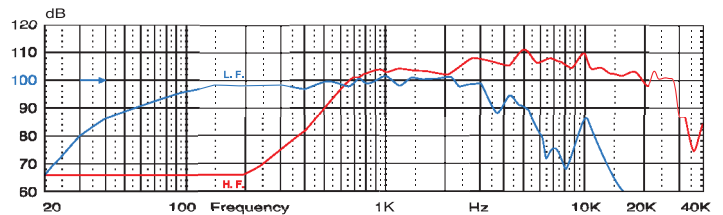
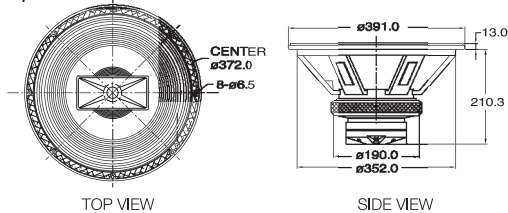
## BM-15CXHB COAXIAL TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 380	mm	(15 in)
Nominal Impedance	: 4~8	ohm	
Power Capacity (RMS)	: 300~500W	Cont Program	
Sensitivity 1W/1M	: 100	dB	
Resonant Frequency	Fs	: 50	Hz
Impedance	Re	: 6.1	ohm
Electromagnetic Q	Qes	: 0.24	
Mechanical Q	Qms	: 4.99	
Total Q	Qts	: 0.23	
Compliance Equivalent Volume	VAS	: 135.08	Liters
Surface Area of Cone	Sd	: 830	cm <sup>2</sup>
Reference Efficiency	$\eta_0$	: 7.03	%
Voice Coil Overhang	Xmax	: 2.50	mm
Diaphragm Mass inc Airload	Mms	: 71.44	Gram
Bl Product	BL	: 23.96	TM
Voice Coil Diameter		: 76.2	mm (3 in)
Voice Coil Material		: Edge wound aluminium wire	
Gross Weight		: 11.13 Kg (24.4Lb)	
Packing Dimension WxLxH (mm)	440 X 440 X 285		
	17.3in X 17.3in X 11.2in	(1.94 Cu.Ft.)	

### HF UNIT

Power Capacity (RMS)	: 40/80W	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	: 90° x 40°	



## BM-15CXB COAXIAL TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 380	mm	(15 in)
Nominal Impedance	: 8	ohm	
Power Capacity (RMS)	: 300~500W	Cont Program	
Sensitivity 1W/1M	: 100	dB	
Resonant Frequency	Fs	: 47	Hz
Impedance	Re	: 6	ohm
Electromagnetic Q	Qes	: 0.31	
Mechanical Q	Qms	: 8.19	
Total Q	Qts	: 0.30	
Compliance Equivalent Volume	VAS	: 139.65	Liters
Surface Area of Cone	Sd	: 830	cm <sup>2</sup>
Reference Efficiency	$\eta_0$	: 4.47	%
Voice Coil Overhang	Xmax	: 2.5	mm
Diaphragm Mass inc Airload	Mms	: 80.31	Gram
Bl Product	BL	: 21.47	TM
Voice Coil Diameter		: 76.2	mm (3 in)
Voice Coil Material		: Edge wound aluminium wire	
Gross Weight		: 11.68 Kg (25.6Lb)	
Packing Dimension WxLxH (mm)	440 X 440 X 285		
	17.3in X 17.3in X 11.2in	(1.94 Cu.Ft.)	

### HF UNIT

Power Capacity (RMS)	: 40/80W	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°	

