

# BM-SERIES COAXIAL

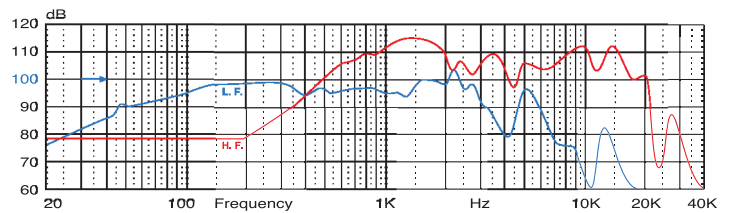
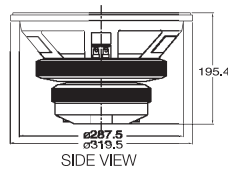
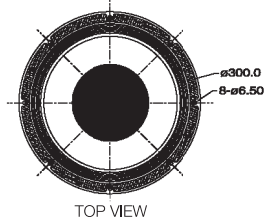
## BM-12CX38 COAXIAL TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 305	mm (12 in)
Nominal Impedance	: 4-8	ohm
Power Capacity (RMS)	: 300-600W	Cont Program
Sensitivity 1W/1M	: 99	dB
Resonant Frequency	Fs : 42	Hz
Impedance	Re : 7	ohm
Electromagnetic Q	Qes : 0.19	
Mechanical Q	Qms : 5.99	
Total Q	Qts : 0.19	
Compliance Equivalent Volume	VAS : 107.50	Liters
Surface Area of Cone	Sd : 510	cm <sup>2</sup>
Reference Efficiency	$\eta_o$ : 4.14	%
Voice Coil Overhang	Xmax : 4.5	mm
Diaphragm Mass inc Airload	Mms : 47.17	Gram
BI Product	BL : 21.17	TM
Voice Coil Diameter	: 99.30	mm (3.91 in)
Voice Coil Material	: Edge Wound Aluminium Wire	
Gross Weight	14.9 Kg (32.7Lb)	
Packing Dimension WxLxH (mm)	365 X 365 X 250	
	14.3in X 14.3in X 9.8in (0.19 Cu.Ft.)	

### HF UNIT

Power Capacity (RMS)	: 75W	Cont Program
Sensitivity 1W/1M	: 109	dB on PH-2380 Horn
Frequency Range	: 500-18K	Hz
Voice Coil Diameter	: 72.2	mm (2.84 in)
Diaphragm Material	: Titanium	
Dispersion Pattern	: 90°	



## BM-15CXHC COAXIAL TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 380	mm (15 in)
Nominal Impedance	: 4-8	ohm
Power Capacity (RMS)	: 500-800W	Cont Program
Sensitivity 1W/1M	: 98	dB
Resonant Frequency	Fs : 47	Hz
Impedance	Re : 6	ohm
Electromagnetic Q	Qes : 0.38	
Mechanical Q	Qms : 5.45	
Total Q	Qts : 0.35	
Compliance Equivalent Volume	VAS : 111.05	Liters
Surface Area of Cone	Sd : 855	cm <sup>2</sup>
Reference Efficiency	$\eta_o$ : 2.89	%
Voice Coil Overhang	Xmax : 5	mm
Diaphragm Mass inc Airload	Mms : 107.17	Gram
BI Product	BL : 22.2	TM
Voice Coil Diameter	: 99.3	mm (4 in)
Voice Coil Material	: Edge wound copper wire	
Gross Weight	14.5 Kg (31.9Lb)	
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°	

