

BM-SERIES COAXIAL

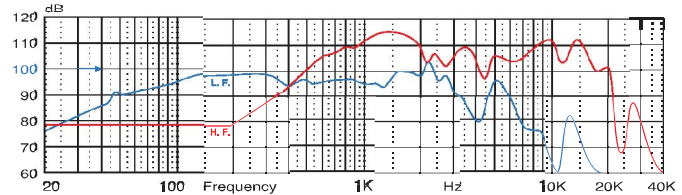
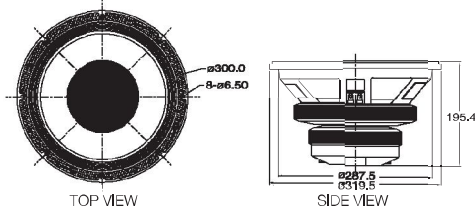
BM-12CX38 COAXIAL TRANSDUCER

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 ²	
Reference Efficiency	η_0 : 4.14	%	
Voice Coil Overhang	Xmax : 4.5	mm	
Diaphragm Mass inc Airload	Mms : 47.17	Gram	
Bl 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 ²	
Reference Efficiency	η_0 : 2.89	%	
Voice Coil Overhang	Xmax : 5	mm	
Diaphragm Mass inc Airload	Mms : 107.17	Gram	
Bl 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°	

