

BM-SERIES COAXIAL

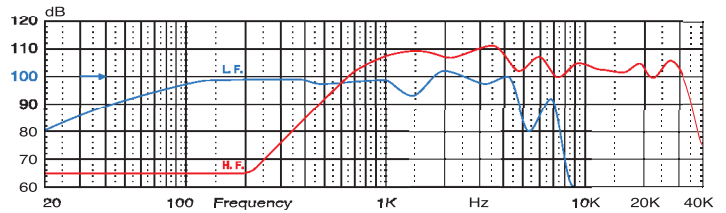
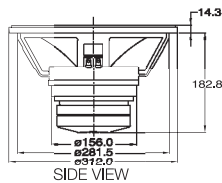
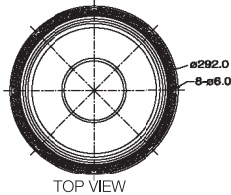
BM-12CXA COAXIAL TRANSDUCER

GENERAL SPECIFICATIONS

Nominal Diameter	: 305	mm (12 in)
Nominal Impedance	: 8	ohm
Power Capacity (RMS)	: 200~400W	Cont Program
Sensitivity 1W/1M	: 100	dB
Resonant Frequency	Fs : 55	Hz
Impedance	Re : 5.6	ohm
Electromagnetic Q	Qes : 0.43	
Mechanical Q	Qms : 8.19	
Total Q	Qts : 0.41	
Compliance Equivalent Volume	VAS : 103.54	Liters
Surface Area of Cone	Sd : 510	cm ²
Reference Efficiency	η_0 : 2.32	%
Voice Coil Overhang	Xmax : 3	mm
Diaphragm Mass inc Airload	Mms : 53.36	Gram
Bl Product	BL : 15.91	TM
Voice Coil Diameter	: 63.7	mm (2.5 in)
Voice Coil Material	: Edge wound copper clad aluminium wire	
Gross Weight	8.18 Kg (17.9Lb)	
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)	: 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°	



BM-12CXHA COAXIAL TRANSDUCER

GENERAL SPECIFICATIONS

Nominal Diameter	: 305	mm (12 in)
Nominal Impedance	: 4~8	ohm
Power Capacity (RMS)	: 200~400	Watts
Sensitivity 1W/1M	: 100	dB
Resonant Frequency	Fs : 55	Hz
Impedance	Re : 5.8	ohm
Electromagnetic Q	Qes : 0.24	
Mechanical Q	Qms : 8.31	
Total Q	Qts : 0.23	
Compliance Equivalent Volume	VAS : 80.31	Liters
Surface Area of Cone	Sd : 510	cm ²
Reference Efficiency	η_0 : 5.37	%
Voice Coil Overhang	Xmax : 3	mm
Diaphragm Mass inc Airload	Mms : 37.88	Gram
Bl Product	BL : 17.63	TM
Voice Coil Diameter	: 63.7	mm (2.51 oz)
Voice Coil Material	: Edge Wound Aluminium Wire	
Gross Weight	9.04 Kg (19.8Lb)	
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)	: 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°	

