

# BM-SERIES COAXIAL

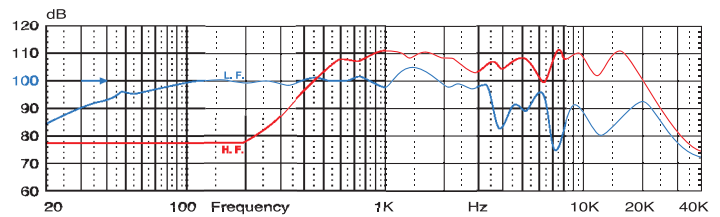
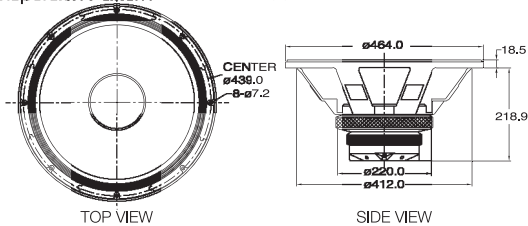
## BM-18CX38 COAXIAL TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 460	mm	(18 in)
Nominal Impedance	: 8 ohm		
Power Capacity (RMS)	: 350/700W	Cont Program	
Sensitivity 1W/1M	: 100	dB	
Resonant Frequency	Fs : 34	Hz	
Impedance	Re : 7 ohm		
Electromagnetic Q	Qes : 0.33		
Mechanical Q	Qms : 6.64		
Total Q	Qts : 0.31		
Compliance Equivalent Volume	VAS : 432.96	Liters	
Surface Area of Cone	Sd : 1244	cm <sup>2</sup>	
Reference Efficiency	$\eta_0$ : 5.34	%	
Voice Coil Overhang	Xmax : 4.5	mm	
Diaphragm Mass inc Airload	Mms : 106.14	Gram	
Bl Product	BL : 22.19	TM	
Voice Coil Diameter	: 99.3	mm	(3.91 in)
Voice Coil Material	: Edge Wound Aluminium Wire		
Gross Weight	17.07	Kg (37.5Lb)	
Packing Dimension WxLxH (mm)	495 X 495 X 285		
	19.4in X 19.4in X 11.2in (0.41 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-15CX38 COAXIAL TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 380	mm	(15 in)
Nominal Impedance	: 8 ohm		
Power Capacity (RMS)	: 350~700W	Cont Program	
Sensitivity 1W/1M	: 100	dB	
Resonant Frequency	Fs : 36	Hz	
Impedance	Re : 7	ohm	
Electromagnetic Q	Qes : 0.23		
Mechanical Q	Qms : 5.53		
Total Q	Qts : 0.22		
Compliance Equivalent Volume	VAS : 287	Liters	
Surface Area of Cone	Sd : 830	cm <sup>2</sup>	
Reference Efficiency	$\eta_0$ : 5.7	%	
Voice Coil Overhang	Xmax : 4.5	mm	
Diaphragm Mass inc Airload	Mms : 64.99	Gram	
Bl Product	BL : 21.03	TM	
Voice Coil Diameter	: 99.30	mm	(3.91 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)	: 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°	

