

R-SERIES

R18/100B (LOW FREQUENCY TRANSDUCER)

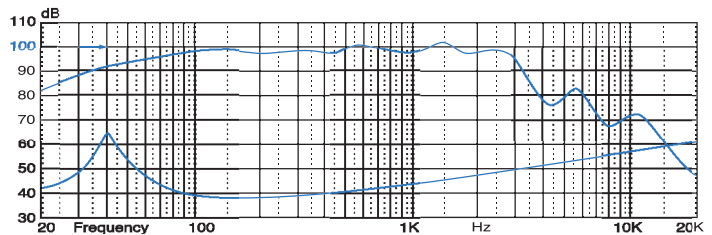
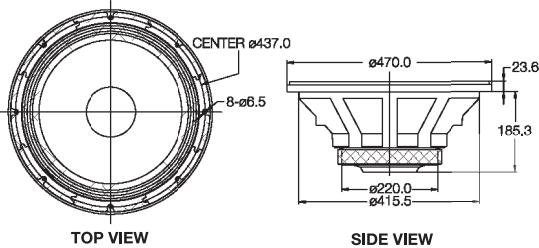
GENERAL SPECIFICATIONS

Power Rating	: 500~1000	Watts
Nominal Chassis Diameter	: 460	mm (18 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 98	dB
Magnet Weight	: 3.56	Kg (125.68 oz)
Resonant Frequency	Fs : 41	Hz
Impedance	Re : 6.5	ohm
Electromagnetic Q	Qes : 0.31	
Mechanical Q	Qms : 7.22	
Total Q	Qts : 0.3	
Compliance Equivalent Volume	VAS : 170.69	Liters
Surface Area of Cone	Sd : 1134	cm ²
Reference Efficiency	η_o : 3.61	%
Voice Coil Overhang	Xmax : 6	mm
Diaphragm Mass inc Airload	Mms : 160.76	Gram
BL Product	BL : 29.2	TM
Coil Inductance	Le : 1.72	mH
Gross Weight	: 14.2	Kg (31.24Lb)
Dimension(H x W x D)	: 510mm X 510mm X 500mm	
	: 20in X 20in X 20in	
	: 4.58 Cu.Ft.	



MATERIALS OF CONSTRUCTION

APS ferrite magnet. Cast aluminium chassis. Paper cone.
Plasticised cloth (linen) cone edge. Solid composition paper dust cap.
4" edge wound copper wire voice coil. Kapton former.



R15/76MB (LOW & BASS TRANSDUCER)

GENERAL SPECIFICATIONS

Power Rating	: 300~600	Watts
Nominal Chassis Diameter	: 380	mm (15 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 98	dB
Magnet Weight	: 2.56	Kg (90.31 oz)
Resonant Frequency	Fs : 45	Hz
Impedance	Re : 5.7	ohm
Electromagnetic Q	Qes : 0.29	
Mechanical Q	Qms : 5.07	
Total Q	Qts : 0.27	
Compliance Equivalent Volume	VAS : 134.15	Liters
Surface Area of Cone	Sd : 855	cm ²
Reference Efficiency	η_o : 4	%
Voice Coil Overhang	Xmax : 4.5	mm
Diaphragm Mass inc Airload	Mms : 97.09	Gram
BL Product	BL : 23.05	TM
Coil Inductance	Le : 1.22	mH
Gross Weight	: 10.37	Kg (22.81Lb)
Dimension(H x W x D)	: 457mm X 457mm X 230mm	
	: 18in X 18in X 9in	
	: 1.7 Cu.Ft.	



MATERIALS OF CONSTRUCTION

APS ferrite magnet. Cast aluminium chassis. Paper cone.
Plasticised cloth (linen) cone edge. Solid composition paper dust cap.
3" round copper wire voice coil. Kapton former.

