

R-SERIES

R18/76W (LOW & BASS TRANSDUCER)

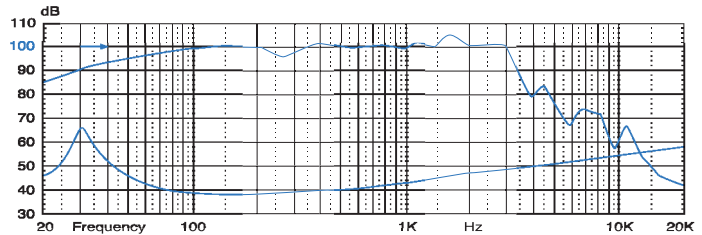
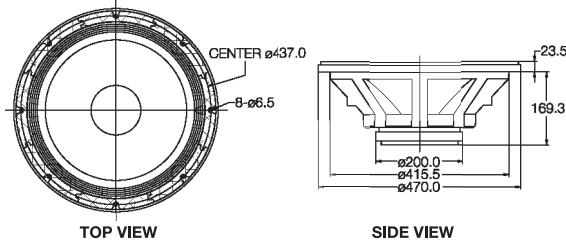
GENERAL SPECIFICATIONS

Power Rating	: 400	Watts
Nominal Chassis Diameter	: 460	mm (18 in)
Nominal Impedance	: 4-8	ohm
Sensitivity (1w/1m)	: 98	dB
Magnet Weight	: 2.56	Kg (90.31 oz)
Resonant Frequency	Fs : 32	Hz
Impedance	Re : 5.6	ohm
Electromagnetic Q	Qes : 0.26	
Mechanical Q	Qms : 5.30	
Total Q	Qts : 0.25	
Compliance Equivalent Volume	VAS : 292	Liters
Surface Area of Cone	Sd : 1075	cm ²
Reference Efficiency	η_0 : 3.56	%
Voice Coil Overhang	Xmax : 3.55	mm
Diaphragm Mass inc Airload	Mms : 136.4	Gram
BL Product	BL : 24.06	TM
Coil Inductance	Le : 1.29	mH
Gross Weight	: 11.36	Kg (25Lb)
Dimension(H x W x D)	: 515mm X 515mm X 255mm	
	: 20.2in X 20.2in X 10in	
	: 2.33 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.



R15/64W (MID & BASS TRANSDUCER)

GENERAL SPECIFICATIONS

Power Rating	: 200 ~ 400	Watts
Nominal Chassis Diameter	: 380	mm (15 in)
Nominal Impedance	: 4-8	ohm
Sensitivity (1w/1m)	: 99	dB
Magnet Weight	: 1.41	Kg (49.68 oz)
Resonant Frequency	Fs : 40	Hz
Impedance	Re : 6.2	ohm
Electromagnetic Q	Qes : 0.41	
Mechanical Q	Qms : 5.90	
Total Q	Qts : 0.38	
Compliance Equivalent Volume	VAS : 231	Liters
Surface Area of Cone	Sd : 880	cm ²
Reference Efficiency	η_0 : 3.4	%
Voice Coil Overhang	Xmax : 2.5	mm
Diaphragm Mass inc Airload	Mms : 75.77	Gram
BL Product	BL : 16.67	TM
Coil Inductance	Le : 1.0	mH
Gross Weight	: 7.3	Kg (16.06Lb)
Dimension(H x W x D)	: 440mm X 440mm X 220mm	
	: 17.3in X 17.3in X 8.6in	
	: 1.5 Cu.Ft.	



MATERIALS OF CONSTRUCTION

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

