

E-SERIES

E18-600A LOW FREQUENCY TRANSDUCER

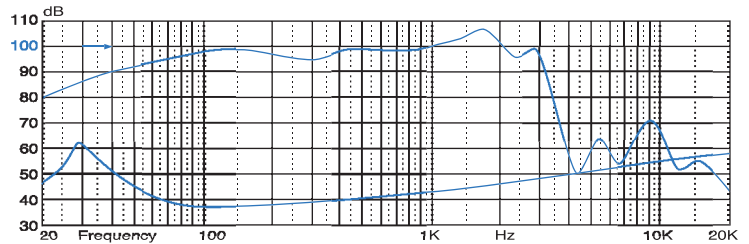
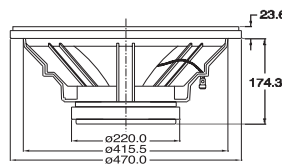
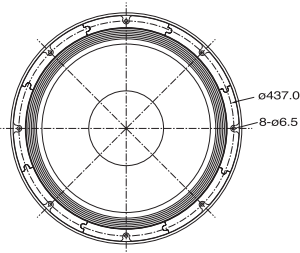
GENERAL SPECIFICATIONS

Power Rating	: 600~1000	Watts
Nominal Chassis Diameter	: 460	mm (18 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 99	dB
Magnet Weight	: 3.56	Kg (125.68 oz)
Resonant Frequency	Fs : 28	Hz
Impedance	Re : 5.7	ohm
Electromagnetic Q	Qes : 0.24	
Mechanical Q	Qms : 5.21	
Total Q	Qts : 0.23	
Compliance Equivalent Volume	VAS : 422	Liters
Surface Area of Cone	Sd : 1159	cm ²
Reference Efficiency	o : 3.74	%
Voice Coil Overhang	Xmax : 6.5	mm
Diaphragm Mass inc Airload	Mms : 143.88	Gram
BI Product	BL : 24.37	TM
Coil Inductance	Le : 1.41	mH
Gross Weight	: 13.9	Kg (30.58 Lb)
Dimension(H x W x D)	: 520 mm X 520mm X 266mm	
	20.4in X 20.4in X 10.4in	



MATERIALS OF CONSTRUCTION

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



E18-400S LOW FREQUENCY TRANSDUCER

GENERAL SPECIFICATIONS

Power Rating	: 400	Watts
Nominal Chassis Diameter	: 460	mm (18 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 99	dB
Magnet Weight	: 2.56	Kg (90.31 oz)
Resonant Frequency	Fs : 38	Hz
Impedance	Re : 6	ohm
Electromagnetic Q	Qes : 0.38	
Mechanical Q	Qms : 6.08	
Total Q	Qts : 0.35	
Compliance Equivalent Volume	VAS : 322.17	Liters
Surface Area of Cone	Sd : 1180	cm ²
Reference Efficiency	o : 4.51	%
Voice Coil Overhang	Xmax : 5	mm
Diaphragm Mass inc Airload	Mms : 107.17	Gram
BI Product	BL : 20.09	TM
Coil Inductance	Le : 1.49	mH
Gross Weight	: 14.9	Kg (32.78 Lb)
Dimension(H x W x D)	: 520 mm X 520mm X 260mm	
	20.4in X 20.4in X 10.2in	



MATERIALS OF CONSTRUCTION

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

