

S-SERIES

S18-100LF (LOW FREQUENCY TRANSDUCER)

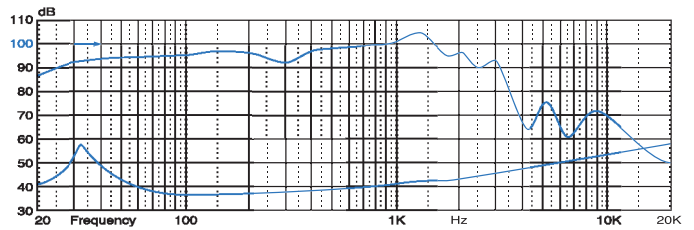
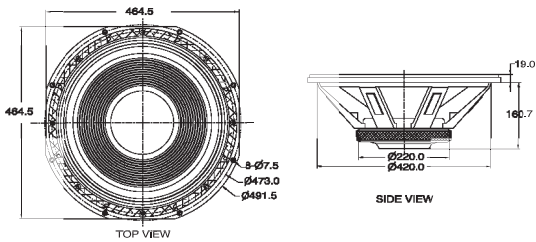
GENERAL SPECIFICATIONS

Power Rating	:	500~1000	Watts
Nominal Chassis Diameter	:	460	mm (18 in)
Nominal Impedance	:	4~8	ohm
Sensitivity (1w/1m)	:	99	dB
Magnet Weight	:	2.85	Kg (100.55 oz)
Resonant Frequency	Fs	: 32	Hz
Impedance	Re	: 5	ohm
Electromagnetic Q	Qes	: 0.45	
Mechanical Q	Qms	: 6.55	
Total Q	Qts	: 0.42	
Compliance Equivalent Volume	VAS	: 342.82	Liters
Surface Area of Cone	Sd	: 1164	cm ²
Reference Efficiency	η	: 2.45	%
Voice Coil Overhang	Xmax	: 8	mm
Diaphragm Mass inc Airload	Mms	: 136.4	Gram
Bl Product	BL	: 17.46	TM
Coil Inductance	Le	: 1.11	mH
Net Weight	:	13.04	Kg (28.688 Lb)
Dimension(H x W x D)	:	512mm X 512mm X 238mm	
		(20.1in X 20.1in X 9.3in)	
		2.18	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. Fiber glass former.



S15-100LF (LOW FREQUENCY TRANSDUCER)

GENERAL SPECIFICATIONS

Power Rating	:	500~1000	Watts
Nominal Chassis Diameter	:	380	mm (15 in)
Nominal Impedance	:	4~8	ohm
Sensitivity (1w/1m)	:	98	dB
Magnet Weight	:	2.85	Kg (100.55 oz)
Resonant Frequency	Fs	: 38	Hz
Impedance	Re	: 5	ohm
Electromagnetic Q	Qes	: 0.37	
Mechanical Q	Qms	: 6.55	
Total Q	Qts	: 0.35	
Compliance Equivalent Volume	VAS	: 169.14	Liters
Surface Area of Cone	Sd	: 855	cm ²
Reference Efficiency	η	: 2.41	%
Voice Coil Overhang	Xmax	: 8	mm
Diaphragm Mass inc Airload	Mms	: 107.17	Gram
Bl Product	BL	: 18.49	TM
Coil Inductance	Le	: 1.10	mH
Net Weight	:	12.03	Kg (26.466 Lb)
Dimension(H x W x D)	:	455mm X 455mm X 230mm	
		(17.9in X 17.9in X 9in)	
		1.68	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. Fiber glass former.

