

# E-SERIES

## E18-400ST LOW FREQUENCY TRANSDUCER

### GENERAL SPECIFICATIONS

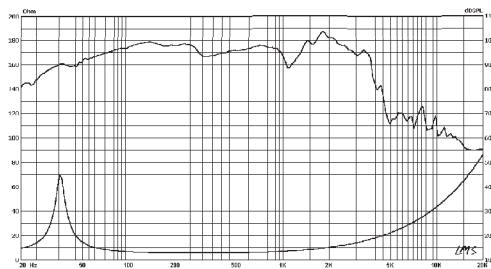
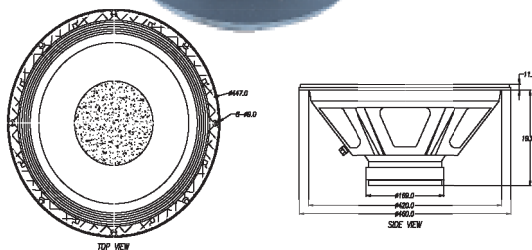
Nominal Diameter	: 460	mm	18	Inch
Rated Impedance	: 8	Ohm		
Operating Bandwidth	: 30	Hz	300	Hz
Power Handling Capacity	: 400	W rms	R.M.S.	
Sensitivity 2.83 V, 1M	: 96	dB		
Effective Piston Diameter	: 384	mm	15.1	Inch
Voice Coil Diameter	: 76.20	mm	3	Inch

### THIELE - SMALL PARAMRTERS

Resonance Frequency	Fs	: 35.9	Hz
DC Resistance	Re	: 5.9	ohm
Mechanical Q Factor	Qms	: 7.471	
Electrical Q Factor	Qes	: 0.682	
Total Q Factor	Qts	: 0.625	
BL Factor	BL	: 17.93	TM
Effective Moving Mass	Mms	: 164.20	gr
Equivalent Gas Air Load	Vas	: 229.06	liters
Effettive Piston Area	Sd	: 0.1160	m <sup>2</sup>
Voice - Coil Inductance @ 1KHz	Le	: 0.68	mH
Half-Space Efficiency	Eff	: 1.51	%
Airgap Height	Hag	: 11.5	mm
Voice Coil Height	Hvc	: 20.0	mm
Voice Coil Over-Hung	Xmax	: 4.3	mm

### PHYSICAL INFORMATION

Basket	: Black Stamp Steel
Magnet Type	: Ferrite 73.3 oz
	Size ODxDxH (mm)
	169 X 86 X 25
Voice Coil Former	: Fiber Glass
	High Temp 400°C
Voice Coil Material	: Copper Wire
	High Temp 230°C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Paper
Damper	: Cotton
Packing Quantity	: 1 Piece / Pack
Net Weight	: 7.72 Kg 16.98 Lb
Gross Weight	: 9.42 Kg 20.72 Lb
Packing Dimension WxLxH (mm)	: 510 X 510 X 265
	20in X 20in X 10.4in
	0.40 Cu.Ft.



## E15-350N MID & BASS TRANSDUCER

### GENERAL SPECIFICATIONS

Nominal Diameter	: 380	mm	15	Inch
Rated Impedance	: 8	Ohm		
Operating Bandwidth	: 30	Hz	4000	Hz
Power Handling Capacity	: 300	W (rms)		
Sensitivity 2.83 V, 1M	: 98	dB		
Effective Piston Diameter	: 329	mm	13.0	Inch
Voice Coil Diameter	: 63.70	mm	2.5	Inch

### THIELE - SMALL PARAMRTERS

Resonance Frequency	Fs	: 37.1	Hz
DC Resistance	Re	: 5.6	ohm
Mechanical Q Factor	Qms	: 5.524	
Electrical Q Factor	Qes	: 0.489	
Total Q Factor	Qts	: 0.449	
BL Factor	BL	: 13.94	TM
Effective Moving Mass	Mms	: 72.72	gr
Equivalent Gas Air Load	Vas	: 261.90	liters
Effettive Piston Area	Sd	: 0.0850	m <sup>2</sup>
Voice - Coil Inductance @ 1KHz	Le	: 0.35	mH
Half-Space Efficiency	Eff	: 2.66	%
Airgap Height	Hag	: 8.0	mm
Voice Coil Height	Hvc	: 15.0	mm
Voice Coil Over-Hung	Xmax	: 3.5	mm

### PHYSICAL INFORMATION

Basket	: Black Stamp Steel
Magnet Type	: Neodymium 3.9 oz
	Size ODxDxH (mm)
	59 X 0 X 8
Voice Coil Former	: Fiber Glass Bobbin
	High Temp 400°C
Voice Coil Material	: Copper Clad Aluminium
	High Temp 300°C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Paper
Damper	: Cotton
Packing Quantity	: 1 Piece / Pack
Net Weight	: 2.40 Kg (5.28 Lb)
Gross Weight	: 3.20 Kg (7.04 Lb)
Packing Dimension WxLxH (mm)	: 410 X 410 X 215
	16.1in X 16.1in X 8.4in
	1.27 Cu.Ft

