

# E-SERIES

## E8-150S

### MID & BASS TRANSDUCER

#### GENERAL SPECIFICATIONS

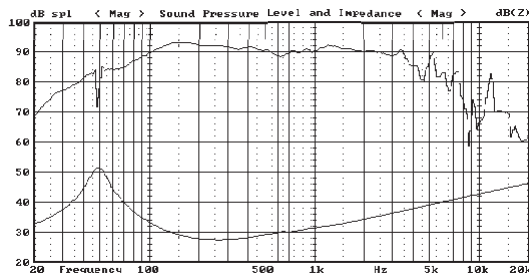
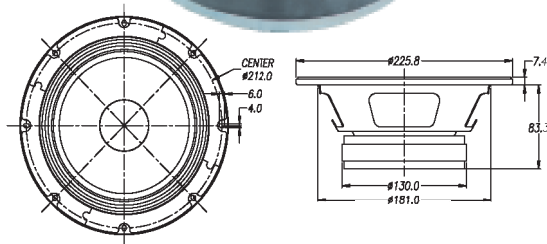
Nominal Diameter	: 200	mm	8	Inch
Rated Impedance	: 8	Ohm		
Operating Bandwidth	: 45	Hz	4000	Hz
Power Handling Capacity	: 150	Wrms		
Sensitivity 2.83 V, 1M	: 93.5	dB		
Effective Piston Diameter	: 164	mm	6.5	Inch
Voice Coil Diameter	: 51.33	mm	2	Inch

#### THIELE - SMALL PARAMRTERS

Resonance Frequency	Fs	: 48.4	Hz
DC Resistance	Re	: 5.8	ohm
Mechanical Q Factor	Qms	: 4.758	
Electrical Q Factor	Qes	: 0.246	
Total Q Factor	Qts	: 0.234	
BL Factor	BL	: 12.35	TM
Effective Moving Mass	Mms	: 21.34	gr
Equivalent Cas air load	Vas	: 31.67	liters
Effettive Piston Area	Sd	: 0.0211	m <sup>2</sup>
Voice - Coil Inductance @ 1KHz	Le	: 0.94	mH
Half-Space Efficiency	Eff	: 1.41	%
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	: Ferrite 31.2 oz
	Size ODxDxH (mm)
	130 X 57 X 16.5
Voice coil Former	: Kapton Bobbin
	High Temp 400°C
Voice Coil Material	: Copper Wire
	High Temp 300°C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Paper
Damper	: Cotton
Packing Quantity	: 1 Piece / Pack
Net Weight	: 2.80 Kg 6.16 Lb
Gross Weight	: 3.14 Kg 6.90 Lb
Packing Dimension WxLxH (mm)	: 250 X 250 X 120
	9.8in X 9.8in X 4.7in



## E8-100S

### MID & BASS TRANSDUCER

#### GENERAL SPECIFICATIONS

Nominal Diameter	: 204	mm	8	Inch
Rated Impedance	: 8	Ohm		
Operating Bandwidth	: 70	Hz	5	kHz
Power Handling Capacity	: 120	W rms		
Sensitivity 2.83 V, 1M	: 92	dB		
Effective Piston Diameter	: 170	mm	6.7	Inch
Voice Coil Diameter	: 51.30	mm	2	Inch

#### THIELE - SMALL PARAMRTERS

Resonance Frequency	Fs	: 73.6	Hz
DC Resistance	Re	: 7.0	ohm
Mechanical Q Factor	Qms	: 2.664	
Electrical Q Factor	Qes	: 0.619	
Total Q Factor	Qts	: 0.502	
BL Factor	BL	: 10.63	TM
Effective Moving Mass	Mm	: 21.60	gr
Equivalent Casair load	Vas	: 15.81	liters
Effettive Piston Area	Sd	: 0.0226	m <sup>2</sup>
Voice - Coil Inductance @ 1KHz	Le	: 0.31	mH
Half-Space Efficiency	Eff	: 0.98	%
Airgap Height	Hag	: 8.0	mm
Voice Coil Height	Hvc	: 13.3	mm
Voice Coil Over-Hung	Xmax	: 2.7	mm

#### PHYSICAL INFORMATION

Basket	: Black Stamp steel
Magnet Type	: Ferrite 29.9 oz
	Size ODxDxH (mm)
	120 X 60 X 20
Voice coil Former	: Kapton 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
Packing Quantity	: 1 Piece / Pack
Net Weight	: 2.56 Kg 5.63 Lb
Gross Weight / piece	: 2.68 Kg 5.89 Lb
Packing Dimension WxLxH (mm)	: 255 X 255 X 120
	10.03in X 10.03in X 4.72in

