

P-SERIES

P180/2242 (LOW FREQUENCY TRANSDUCER)

GENERAL SPECIFICATIONS

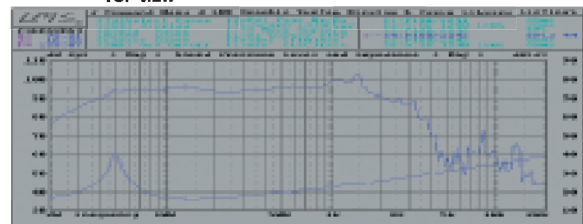
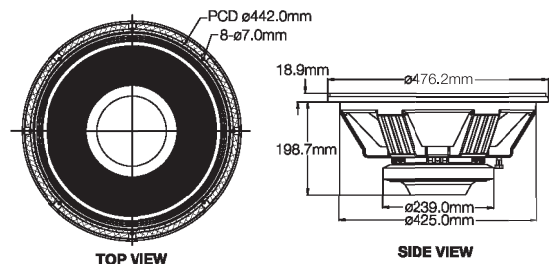
Nominal Diameter	460 mm	18 Inch
Rated Impedance	8 Ω	
Power Handling Capacity	1000 Watts	
Sensitivity 2.83 V, 1M	98 dB	
Effective Piston Diameter	397 mm	15.6 Inch
Voice Coil Diameter	99.30 mm	4 Inch

THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	48.5 Hz
DC Resistance	Re	5.2 Ω
Mechanical Q Factor	Qms	10.474
Electrical Q Factor	Qes	0.577
Total Q Factor	Qts	0.547
BL Factor	BL	22.95 TM
Effective Moving Mass	Mms	192.11 gr
Equivalent Cas Air Load	Vas	122.71 liters
Effective Piston Area	Sd	0.1240 m ²
Voice - Coil Inductance @ 1KHz	Le	1.30 mH
Half-Space Efficiency	Eff	2.33 %
Airgap Height	Hag	12.0 mm
Voice Coil Height	Hvc	25.0 mm
Voice Coil Over-Hung	Xmax	6.5 mm

PHYSICAL INFORMATION

Basket	Cast Aluminium
Magnet Type, Size ODxDxH (mm)	220 x 110 x 20 Ferrite 100.5 oz
Voice Coil Former	Glass Fiber Ployimide 400°C
Voice Coil Material	Aluminium Flat Wire 300°C
Cone Material	Pulp Paper
Surround	Treated Cloth
Spider	Cotton Blen Polyester
Dust Cap	Pulp Paper
Unit Weight 13 kgs (28.6Lb)	Gross Weight 14.8kgs (32.56Lb)
Packing Dimension WxLxH (mm)	520 x 520 x 280
	25.5in X 25.5in X 11in
	2.67 Cu.Ft.



P180/2241 (LOW FREQUENCY TRANSDUCER)

GENERAL SPECIFICATIONS

Nominal Diameter	460 mm	18 Inch
Rated Impedance	8 Ω	
Power Handling Capacity	800 Watts	
Sensitivity 2.83 V, 1M	98 dB	
Effective Piston Diameter	397 mm	15.6 Inch
Voice Coil Diameter	99.30 mm	4 Inch

THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	38.0 Hz
DC Resistance	Re	5.0 Ω
Mechanical Q Factor	Qms	9.334
Electrical Q Factor	Qes	0.413
Total Q Factor	Qts	0.396
BL Factor	BL	19.86 TM
Effective Moving Mass	Mms	136.40 gr
Equivalent Cas Air Load	Vas	279.54 liters
Effective Piston Area	Sd	0.1240 m ²
Voice - Coil Inductance @ 1KHz	Le	1.18 mH
Half-Space Efficiency	Eff	3.61 %
Airgap Height	Hag	8.0 mm
Voice Coil Height	Hvc	19.5 mm
Voice Coil Over-Hung	Xmax	5.8 mm

PHYSICAL INFORMATION

Basket	Cast Aluminium
Magnet Type, Size ODxDxH (mm)	220 x 110 x 20 Ferrite 100.5 oz
Voice Coil Former	Glass Fiber Ployimide 400°C
Voice Coil Material	Aluminium Flat Wire 300°C
Cone Material	Pulp Paper
Surround	Treated Cloth
Spider	Cotton blen Polyester
Dust Cap	Pulp Paper
Unit Weight 13 kgs (28.6Lb)	Gross Weight 14.8kgs (32.56Lb)
Packing Dimension WxLxH (mm)	500 x 500 x 280
	19.7in X 19.7in x 11in
	2.47 Cu.Ft.

