

# PA-SERIES

## PA-D400N ( MID & HIGH )

### GENERAL SPECIFICATIONS

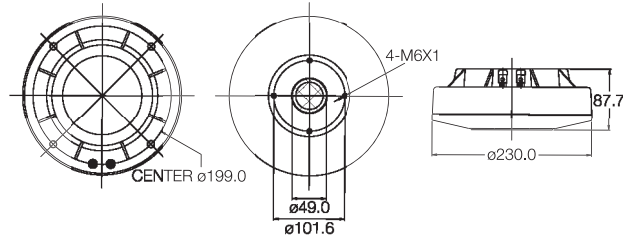
Nominal Diameter	64 mm	2.5 Inch
Throat Diameter	50 mm	2.0 Inch
Mounting Type	Bolt-on	
Rated Impedance	8 Ω	
Power Handling Capacity	400 Watts	
Sensitivity 2.83 V, 1M	90.0 dB	
Effective Piston Diameter	97 mm	3.8 Inch
Voice Coil Diameter	72.31 mm	2.84 Inch

### THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	391.0 Hz
DC Resistance	Re	5.3 Ω
Mechanical Q Factor	Qms	5.566
Electrical Q Factor	Qes	0.663
Total Q Factor	Qts	0.592
BL Factor	BL	18.72 TM
Effective Moving Mass	Mms	17.86 gr
Equivalent Gas Air Load	Vas	0.07 liters
Effective Piston Area	Sd	0.0074 m <sup>2</sup>
Voice - Coil Inductance @ 1KHz	Le	0.0745 mH
Half-Space Efficiency	Eff	0.62 %
Airgap Height	Hag	12.0 mm
Voice Coil Height	Hvc	11.3 mm
Voice Coil Over-Hung	Xmax	-0.4 mm

### PHYSICAL INFORMATION

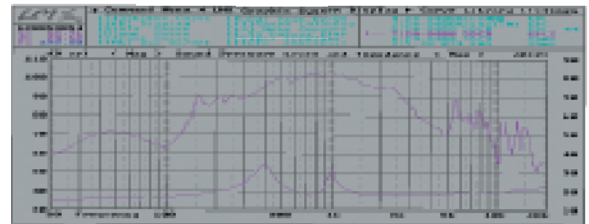
Basket	Cover Whelen Black	
Magnet Type, Size ODxDxH (mm)	135 x 82 x 9	NEO 14.3 oz
Voice Coil Former	Black-anodized Aluminium	
Voice Coil Material	Aluminium Flat Wire 300°C	
Cone Material	Phenolic	
Unit Weight	4.25 kgs (9.35 Lb)	
Gross Weight	4.44 kgs (9.76Lb)	
Packing Dimension WxLxH (mm)	190 x 190 x 115	
	0.75in X 0.75in x 4.5	
	0.15 Cu.Ft.	



TOP VIEW

BOTTOM VIEW

SIDE VIEW



## PA-D200 ( MID & HIGH )

### GENERAL SPECIFICATIONS

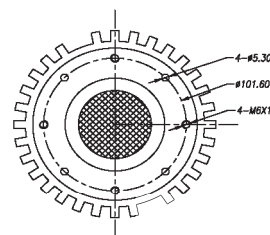
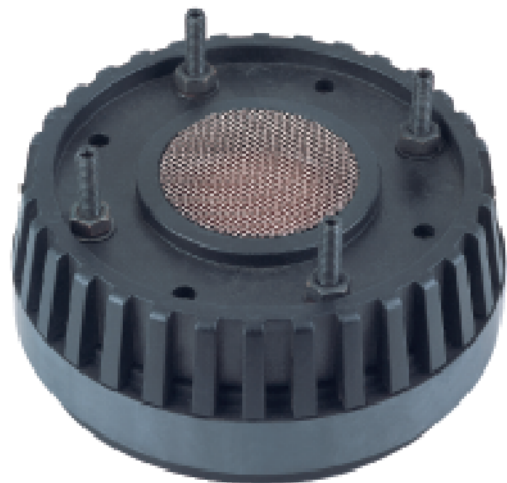
Nominal Diameter	145 mm	5.7 Inch
Throat Diameter	50 mm	2.0 Inch
Mounting Type	Hid-High	
Rated Impedance	8 Ω	
Power Handling Capacity	200 Watts	
Operating Bandwidth	150 Hz - 5 kHz	
Sensitivity 2.83 V, 1M	95.0 dB	
Voice Coil Diameter	54.45 mm	2 Inch

### THIELE - SMALL PARAMETERS

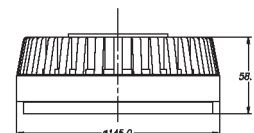
Resonance Frequency	Fs	249.0 Hz
DC Resistance	Re	7.2 Ω
Mechanical Q Factor	Qms	0.423
Electrical Q Factor	Qes	0.766
Total Q Factor	Qts	0.272

### PHYSICAL INFORMATION

Material	A.B.S With Glass Filled Black	
	Polycarbonate	
Magnet Type, Size ODxDxH (mm)	145 x 75 x 20	Ferrite 42.7 oz
Finished	Paint Black	
Diaphragm Material	Phenolic Resin	
Terminal	Solder On	
Mounting type	Bolt On	
Voice coil Material	Round Aluminum wire	
Net Weight	3.6 kgs (7.92 Lb)	



BOTTOM VIEW



SIDE VIEW

