

PD.615N002

MID RANGE DRIVER

6.5" / 165 mm

NOMINAL DIAMETER

140 W (A.E.S.)

POWER HANDLING

100 dB

SENSITIVITY (1W/ 1m)

600 Hz - 10 kHz

FREQUENCY RESPONSE

1.5" / 38.1 mm

VOICE COIL DIAMETER

2.50 mm Xmax

MAXIMUM LINEAR EXCURSION

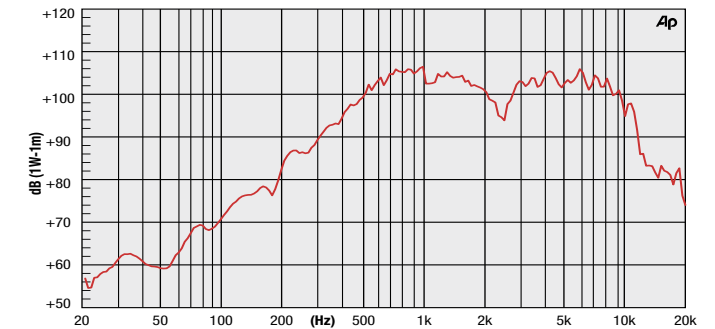


FEATURES:

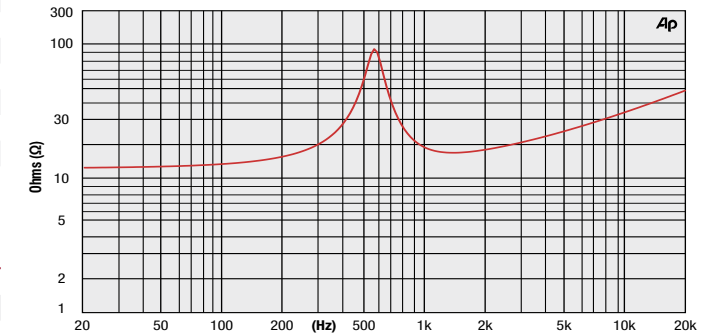
- Lightweight neodymium design, weighs only 1.9 Kg.
- For use with custom designed waveguide.
- Sealed chassis offers this unit independence from main enclosure.
- Deep cone profile.

Designed for use with custom designed waveguide to provide outstanding mid range and extended response.

FREQUENCY RESPONSE AND IMPEDANCE CHARTS



*2.83V. Half space response.



GENERAL SPECIFICATIONS

Nominal Diameter	6.5" / 165 mm	Magnet Gap Depth	6.0 mm / 0.24"
Voice Coil Diameter	1.5" / 38.1 mm	Flux Density	1.65 Tesla
Available Impedances	4 Ohm / 8 Ohm / 16 Ohm	Magnet Material	Neodymium
Power Rating ^{1,2} *	140 W (A.E.S.)	Voice Coil Material	Copper
Peak Power (6dB Crest Factor)*	560 W (A.E.S.)	Former Material	Glass Fibre
Sensitivity (1W - 1m)*	100 dB	Dust Dome Material	Felt
Frequency Range	600 Hz - 10 kHz	Suspension Material	Poly Cotton
Recommended Enclosure Volume	N/A	Cone / Surround Material	Paper / Fabric
Resonance	580 Hz		
Voice Coil Winding Depth	8.20 mm / 0.32"		

THIELE SMALL Parameters (8 Ω MODEL)³

Fs	580 Hz	Mms	N/A
Re	13.5 Ω	Sd	132.73 cm ²
Qms	N/A	Cms	N/A
Qes	N/A	BL	17.00 T/m
Qts	N/A	Xmax	2.50 mm
Le (@ 1 kHz)	2.175 mH	Vd	0.038 Litres
Le (@ 10 kHz)	0.460 mH	Ref. Efficiency	4.80%
Vas	N/A	EBP	N/A

DIMENSIONS

Overall Diameter	200.0 mm
Width Across Flats	163 mm
Flange Height	8.5 mm
Depth (Excl. Flange)	60.00 mm
Magnet Diameter	106 mm

MOUNTING INFORMATION

Chassis Shoulder Diameter	162.0 mm
Outer Bolt Circle	x6 M5 180 mm PCD

WEIGHT

Nett Weight	1.90 Kg / 4.19 lb
Shipping Weight	2.20 Kg / 4.85 lb