

PN-SERIES

LOW FREQUENCY TRANSDUCER



P-12NM

GENERAL SPECIFICATIONS

Nominal Diameter	: 305 mm 12 Inch
Rated Impedance	: 8 Ω
Operating Bandwidth	: 50 Hz - 3kHz
Power Handling Capacity	: 400 W (rms)
Sensitivity 2.83 V, 1M	: 98 dB
Effective Piston Diameter	: 260 mm 10.2 Inch
Voice Coil Diameter	: 99.30 mm 4.0 Inch

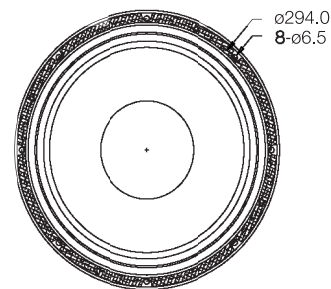
PHYSICAL INFORMATION

Basket	: Die Cast Aluminium
Magnet Type, Size ODxDxH (mm)	: 97 x 40 x 10
Neodymium	: 10.8 oz
Voice Coil Former	: Kapton Bobbin High Temp 400°C
Voice Coil Material	: Aluminium Flat Wire High Temp 300°C
Cone Material	: Pulp Paper
Surround	: Cloth
Dust Cap	: Aluminium
Packing Quantity	: 1 Piece / Pack
Unit Weight	: 6.60 kg/pcs
Gross Weight	: 7.45 kg/pcs
Packing Dimension WxLxH (mm)	: 360 X 360 X 205
	: 14.1in X 14.1in X 8in
	: 1.54 Cu.Ft

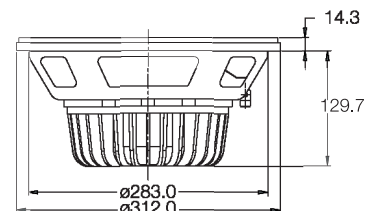
THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	67.1 Hz
DC Resistance	Re	6.6 Ω
Mechanical Q Factor	Qms	5.420
Electrical Q Factor	Qes	0.288
Total Q Factor	Qts	0.274
BL Factor	BL	23.70 TM
Effective Moving Mass	Mms	58.12 gr
Equivalent Gas Air Load	Vas	38.70 liters
Effective Piston Area	Sd	0.0530m ²
Voice - Coil Inductance @ 1KHz	Le	0.32 mH
Half-Space efficiency	Eff	3.90 %
Airgap Height	Hag	10.0 mm
Voice Coil Height	Hvc	8.5 mm
Voice Coil Over-Hung	Xmax	-0.8 mm

MOUNTING INFORMATION



TOP VIEW



SIDE VIEW

