

12PR320

12" - 300 W - 96 dB - 16 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Overall Diameter	316 mm (12.44 in)
Bolt Circle Diameter	298.5 mm (11.75 in)
Baffle Cutout Diameter	282 mm (11.10 in)
Depth	120 mm (4.72 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Flange and Gasket Thickness Net Weight	12 mm (0.47 in) 2.75 kg (6.1 lb)
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PART NUMBER

Push Terminals - 16 Ohm Version	03004314

NOTES:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Treated Polycotton
- (4) Xmax= [(winding depth magnetic gap depth)/2] + (magnetic gap depth/3)
- (5) Maximum excursion before permanent damage

TECHNICAL PARAMETERS 16 Ohm Nominal Impedance 12.4 Ohm Minimum Impedance AES Power Handling (1) 300 W Maximum Power Handling (2) 600 W Sensitivity (1W/1m) 96 dB Frequency Range 45÷5000 Hz Voice Coil Diameter 65 mm (2.56 in) Winding Material Former Material Glass Fiber Winding Depth 17.2 mm (0.68 in) Magnetic Gap Depth 8 mm (0.31 in) Flux Density 1.2 T Neodymium Slug Magnet Basket Material Aluminum Demodulation Cone Surround (3) Triple Roll

1.9 dm^3 (0.067 ft^3)

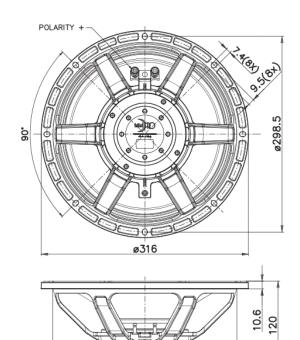
1x variable height waves

NET Air Volume filled by Loudspeaker

Spider Profile

THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	11.3 Ohm
Qes	0.56
Qms	7.6
Ots	0.52
Vas	96.7 dm^3 (3.41 ft^3)
Sd	539 cm^2 (83.55 in^2)
Xmax (4)	7.27 mm
Xdamage (5)	17 mm
Mms	52.5 g
BI	17.3 N/A
Le	0.96 mH
Mmd	38.3 g
Cms	0.24 mm/N
Rms	1.9 kg/s
Eta Zero	1.52 %
EBP	80 Hz



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