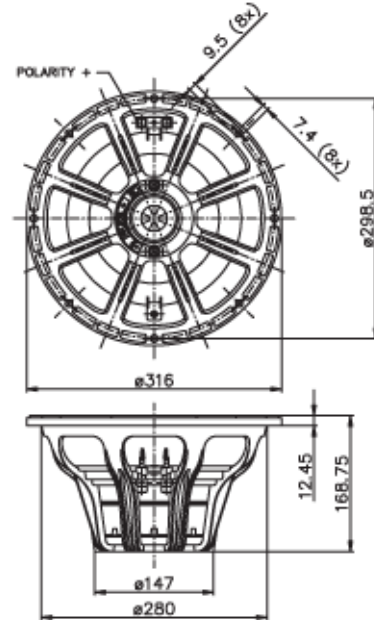




# 12HP1060 High Performance Series



## 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	169 mm (6.65 in)
Flange and Gasket Thickness	12.5 mm (0.49 in)
Net Weight	6.6 Kg (14.55 lb)
Shipping Box (Single Carton Box)	350x346x216 mm (13.78x13.62x8.50 in)
Shipping Weight	7.3 Kg (16.09 lb)

## ELECTRICAL SPECIFICATION

Minimum Impedance	6.5 Ohm
Nominal Impedance	8 Ohm
Nominal Power Handling *	1000 W
Maximum Power Handling **	2000 W
Sensitivity (1W/1m)	95 dB
Frequency Range	45÷2500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	28.9 mm (1.14 in)
Magnetic Gap Depth	12 mm (0.47 in)
Flux Density	1.22 T

## THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	5 Ohm
Bl	24.8 N/A
Mms	126.9 g
Cms	0.098 mm/N
Rms	2.96 Kg/s
Qes	0.29
Qms	12.1
Qts	0.28
Vas	30.08 dm <sup>3</sup> (1.09 ft <sup>3</sup> )
Sd	469 cm <sup>2</sup> (72.7 in <sup>2</sup> )
Xmax ***	12.45 mm
Xdamage ****	21 mm
Le	1.38 mH
Mmd	121.1 g
Eta Zero	0.93 %
EBP	155 Hz

## NOTES

[A1] demodulation ring for reduced total harmonic distortion

(\*) 2 Hours Test According to AES 2-1984 Rev. 2003

(\*\*) Maximum power is defined as 3dB greater than nominal power.

(\*\*\*) Xmax = [(winding depth - magnetic gap depth) / 2] + (magnetic gap depth / 3)

(\*\*\*\*) Maximum excursion before permanent damage

# CURVES

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