PROFESSIONAL LOUDSPEAKERS

12HP1010

12" - 700 W - 96 dB - 8 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	142 mm (5.59 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Net Weight	**9.2 kg (20.3 lb)**
Shipping Box (Single Carton Box)	350 x 346 x 190 mm (13.8 x 13.6 x 7.5 in)
Shipping Weight	10 kg (22.0 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03004069
Recone Kit - 8 Ohm Version	R3004069

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	7 Ohm
AES Power Handling **(1)**	700 W
Maximum Power Handling (2)	**1400 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	45÷3150 Hz
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	22 mm (0.87 in)
Magnetic Gap Depth	**10.5 mm (0.41 in)**
Flux Density	1.05 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	M-Roll
NET Air Volume filled by Loudspeaker	3.3 dm^3 (0.117 ft^3)
Spider Profile	2x non-adjacent symmetrical constant height waves

THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	5.5 Ohm
Qes	0.35
Qms	9.4
Qts	0.34
Vas	56.5 dm^3 (1.99 ft^3)
Sd	531 cm^2 (82.31 in^2)
Xmax **(4)**	9.25 mm
Xdamage **(5)**	21.9 mm
Mms	87.2 g
Bl	19.8 N/A
Le	1.33 mH
Mmd	73.4 g
Cms	0.14 mm/N
Rms	2.6 kg/s
Eta Zero	1.44 %
EBP	129 Hz

NOTES:

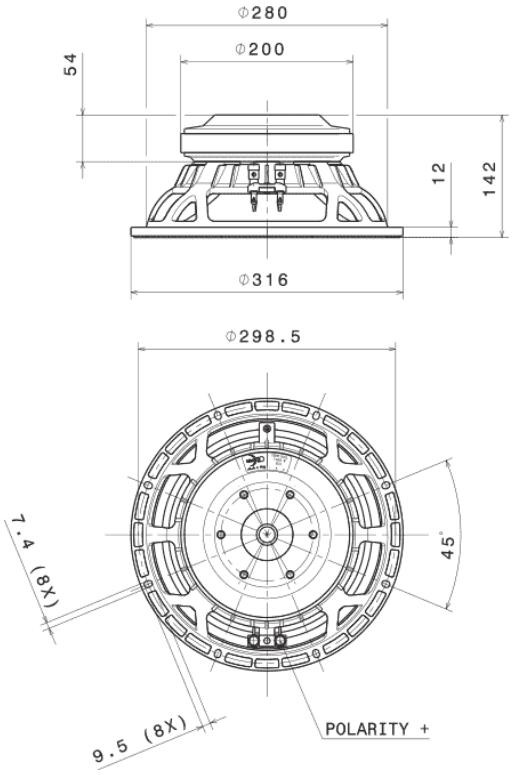
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

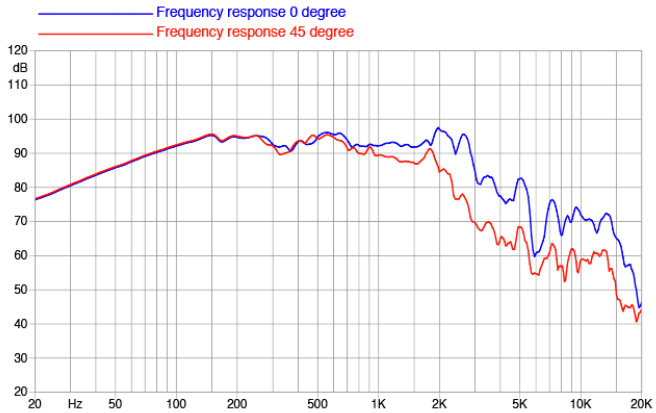
(2) Maximum power is defined as 3dB greater than nominal power.

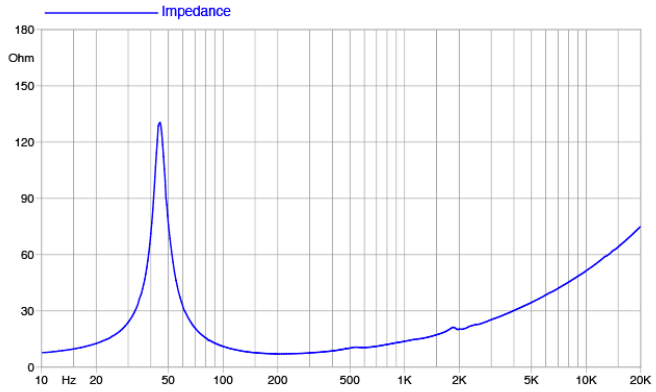
(3) Treated Polycotton

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

(5) Maximum excursion before permanent damage







©Copyright 2026 **Faital S.p.A.** • All rights reserved.