

KEY FEATURES

140 Watt Max Power

1" Horn throat diameter

Titanium diaphragm

44 mm (1.73 in) voice coil, aluminium wire

Neodymium ring magnet structure

Copper short cap for extended frequency response

16 Ohm available

**GENERAL**

Throat Diameter	1" - 25,4 mm	
Nominal Impedance	8 Ohm	
Voice coil resistance	5,4 Ohm	±0,4 Ohm
Minimum Impedance	7,4 Ohm	±0,7 Ohm
Power handling (AES) (*)	70 watt	
Max Power	140 Watt	
Voice Coil Diameter	44 mm	1,73 in
S.P.L. (1w, 1m)	107 dB	
Nominal Fs	500 Hz	±200 Hz
Flux Density	1,85 T	±0,10 T
Crossover Frequency	1,60 kHz	12 dB/oct
Frequency Range	1,20-20 kHz	
Sinusoidal Test Voltage	3 V RMS	

(*) Life Test

Horn	PR 312
Input Signal	Pink noise
Band Pass Filter	1,60kHz-20kHz, 12dB/oct
V on Speaker	23,5 V RMS
Test duration	2 hours

MECHANICAL DATA

Weight	1,1 kg
Overall Diameter	90 mm
Overall Depth	55 mm
Mounting holes number	2 180° / 3 120°
Mounting holes diameter	M6 screw
Mounting bolt diameter	76+57 mm

MATERIALS

Pot Material	Aluminium
Voice Coil Former	Kapton
Voice Coil Wire	Aluminium
Membrane Material	Titanium
Membrane Shape	Dome
Surround Material	Titanium
Surround Shape	Flat with corrugations
Magnet Type	Neodymium
Magnet Weight	200 g

DIAGRAM

Frequency Response	with horn PR 312 - 1 m - 2,83 V
Impedance	(Iac=10m A)

