

**KEY FEATURES**

- 140 Watt Max Power
- 1" Horn throat diameter
- Kapton diaphragm
- 44 mm (1.73 in) voice coil, aluminium wire
- Neodymium ring magnet structure
- Copper short. cap for extended frequency response
- 16 Ohm available
- 24 Ohm available



**GENERAL**

Throat Diameter	1" - 25,4 mm	
Nominal Impedance	8 Ohm	
Voice coil resistance	5,4 Ohm	±0,4 Ohm
Minimum Impedance	7,2 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)	109 dB	
Nominal Fs	1200 Hz	±100 Hz
Flux Density	1,95 T	±0,1 T
Crossover Frequency	1,5 kHz	12 dB/oct
Frequency Range	1- 17 kHz	
Sinusoidal Test Voltage	3 V RMS	

(\*) Life Test

Horn	PR 312
Input Signal	Pink noise
Band Pass Filter	2-20kHz, 12dB/oc
V on Speaker	24 V RMS
Test duration	2 hours

**MECHANICAL DATA**

Weight	1,06 kg
Overall Diameter	85 mm
Overall Depth	58 mm
Mounting holes number	2 180° / 3 120°
Mounting holes diameter	M6 screw
Mounting bolt diameter	76 mm

**MATERIALS**

Pot Material	Plastic
Voice Coil Former	Kapton
Voice Coil Wire	Aluminium
Membrane Material	Kapton
Membrane Shape	Dome
Surround Material	Kapton
Surround Shape	Flat
Magnet Type	Neodymium
Magnet Weight	223 g

**DIAGRAM**

Frequency Response	with horn PR 312 - 1m - 2.83 V
Impedance	(Iac=10m A)

