

# HF102

1" - 30 W - 107 dB - 8 Ohm



## NOMINAL SPECIFICATIONS

Throat Diameter	25.4 mm (1 in)
Overall Diameter	91 mm (3.58 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)
Depth	43 mm (1.69 in)
<b>Net Weight</b>	<b>300 g (0.7 lb)</b>
Shipping Box (Single carton box)	98 x 90 x 64 mm (3.9 x 3.5 x 2.5 in)
Shipping Weight	330 g (0.72 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	00253937
Recone Kit - 8 Ohm Version	R0253937

## NOTES:

Driver mounted on a **1° 50° x 40° Horn**  
 Ferrofluid added in air gap

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

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

(3) 12 dB/oct or higher slope high-pass filter

(4) Averaged within the frequency range

(5) The phase plug is recessed from the driver's exit which is at the end of a conical adaptation horn.

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling (1)	30 W
<b>Maximum Power Handling (2)</b>	<b>60 W</b>
Minimum Crossover Frequency (3)	2.6 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>107 dB</b>
Frequency Range	1.8-20 kHz
<b>Voice Coil Diameter</b>	<b>25 mm (0.98 in)</b>
<b>Winding Material</b>	<b>Al</b>
Former Material	Kapton
<b>Diaphragm Material</b>	<b>Ketone Polymer</b>
Diaphragm Shape	Dome
Winding Depth	1.7 mm (0.07 in)
Magnetic Gap Depth	2 mm (0.08 in)
Flux Density	1.3 T
Magnet	Neodymium Ring
Re	6 Ohm
Phase Plug Design	Radial
Exit Angle (5)	9° Conical
NET Air Volume filled by HF Driver	0.1 dm <sup>3</sup> (0.004 ft <sup>3</sup> )

