

# HF100

1" - 30 W - 108 dB

# HF102

1" - 30 W - 107 dB



## NOMINAL SPECIFICATIONS

	HF100	(5) HF102
Throat Diameter	25.4 mm (1 in)	25.4 mm (1 in)
Overall Diameter	108 mm (4.02 in)	91 mm (3.58 in)
180° Mounting Holes Diameter (2xM6)	76 mm (2.99 in)	76 mm (2.99 in)
Depth	55 mm (2.17 in)	43 mm (1.69 in)
<b>Net Weight</b>	<b>830 g (1.83 lb)</b>	<b>370 g (0.82 lb)</b>
Shipping Box	98 x 90 x 64 mm	147 x 130 x 82 mm
(Single Carton Box)	(3.86 x 3.54 x 2.52 in)	(5.79 x 5.12 x 3.23 in)
Shipping Weight	862 g (1.90 lb)	450 g (0.99 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω	8 Ω
Minimum Impedance	7 Ω	6.6 Ω
AES Power Handling (1)	30 W	30 W
<b>Maximum Power Handling (2)</b>	<b>60 W</b>	<b>60 W</b>
Minimum Crossover Frequency (3)	2 kHz	2.6 kHz
<b>Sensitivity (1W/1m) (4)</b>	<b>108 dB</b>	<b>107 dB</b>
Frequency Range	1.5÷1.8 kHz	1.8÷20 kHz
<b>Voice Coil Diameter</b>	<b>25 mm (0.98 in)</b>	<b>25 mm (0.98 in)</b>
<b>Winding Material</b>	<b>Al</b>	<b>Al</b>
Former Material	Kapton	Kapton
<b>Diaphragm Material</b>	<b>Ketone Polymer</b>	<b>Ketone Polymer</b>
Diaphragm Shape	Dome	Dome
Winding Depth	1.7 mm (0.07 in)	1.7 mm (0.07 in)
Magnetic Gap Depth	2 mm (0.08 in)	2 mm (0.08 in)
Flux Density	1.7 T	1.3 T
Re	6 Ω	6 Ω
Phase Plug Design	Radial	Annular

**NOTE:** Driver Mounted on a 1" 50° x 40° Al horn

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

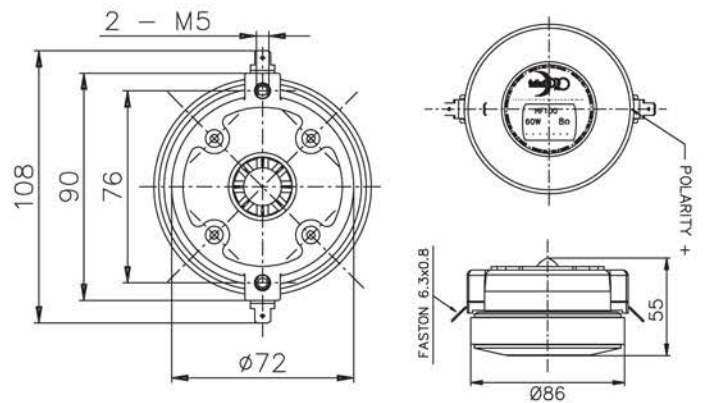
(2) Maximum power is defined as 3 dB greater than nominal power.

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

(4) Averaged within the frequency range.

(5) Ferrofluid added in air gap.

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