

# LTH142

## 1.4" Elliptical Tractrix



### NOMINAL SPECIFICATIONS

Type	Elliptical Tractrix
<b>Throat Diameter</b>	<b>35.6 mm (1.4 in)</b>
Frequency Range	0.5÷18 kHz
Recommended Crossover Freq.	0.8 kHz
Horizontal Nominal Coverage (-6dB)	60°
Vertical Nominal Coverage (-6dB)	50°
Directivity Index	9.5 dB
<b>Material</b>	<b>PC/ABS</b>
Mouth Height	240 mm (9.5 in)
Mouth Width	350 mm (13.8 in)
Depth	233 mm (9.2 in)
Mouth Mounting Holes (4x)	6.5 mm (0.26 in)
<b>Net Weight</b>	<b>890 g (1.96 lb)</b>
Shipping Box (Single Carton Box)	380 x 255 x 245 mm (15.0 x 10.0 x 9.6 in)
Shipping Weight	1.44 kg (3.17 lb)
NET Air Volume filled by HF Horn	2.5 dm <sup>3</sup> (0.088 ft <sup>3</sup> )

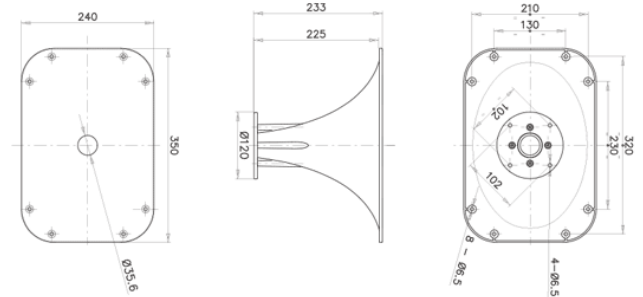
### PART NUMBER

Part Number TR992586

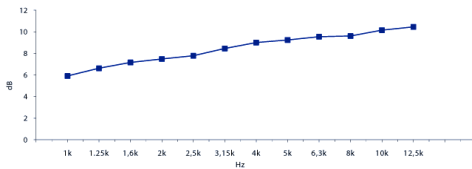
### NOTES:

Sold only in combination with a FaitalPRO 1.4" HF Driver

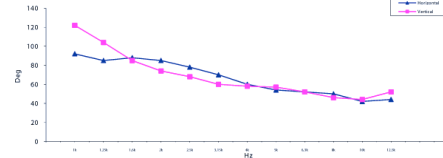
- (1) 4 π sr acoustic loading
- (2) Average value in frequency range: 1÷12.5 KHz
- (3) Average values on horizontal and vertical planes



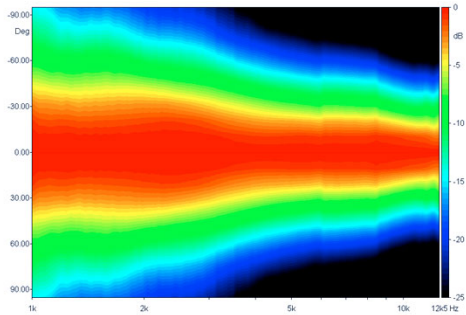
**DIRECTIVITY INDEX**



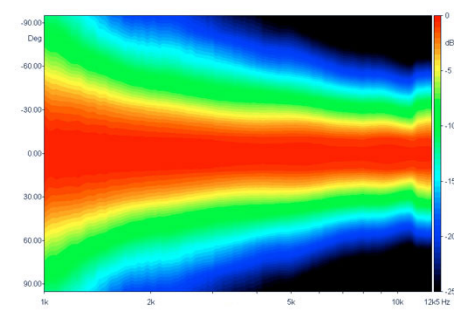
**BEAMWIDTH**



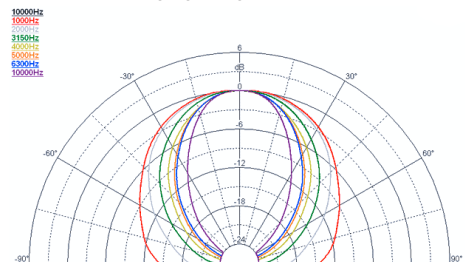
**HORIZONTAL BEAMWIDTH**



**VERTICAL BEAMWIDTH**



**HORIZONTAL POLAR PATTERN**



**VERTICAL POLAR PATTERN**

