

STH100

1" Elliptical Tractrix



NOMINAL SPECIFICATIONS

| | |
|------------------------------------|----------------------------------------------|
| Type | Elliptical Tractrix |
| Throat Diameter | 25.4 mm (1 in) |
| Frequency Range | 1÷20 kHz |
| Recommended Crossover Freq. | 1.4 kHz |
| Horizontal Nominal Coverage (-6dB) | 80° |
| Vertical Nominal Coverage (-6dB) | 70° |
| Directivity Index | 8 dB |
| Material | Al |
| Mouth Height | 120 mm (4.72 in) |
| Mouth Width | 180 mm (7.09 in) |
| Depth | 85.9 mm (3.38 in) |
| Mouth Mounting Holes (4x) | 6.5 mm (0.26 in) |
| Net Weight | 460 g (1.01 lb) |
| Shipping Box (Single Carton Box) | 208 x 135 x 107 mm (8.2 x 5.3 x 4.2 in) |
| Shipping Weight | 567 g (1.25 in) |
| NET Air Volume filled by HF Horn | 0.4 dm ³ (0.014 ft ³) |

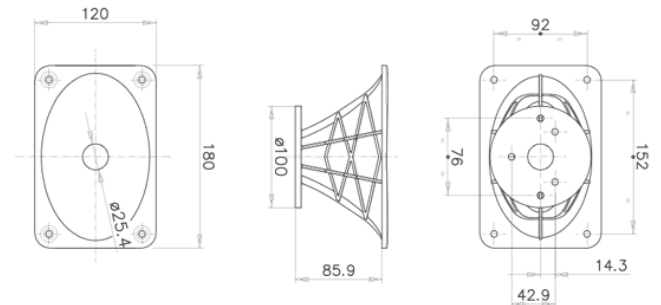
PART NUMBER

Part Number TR390104

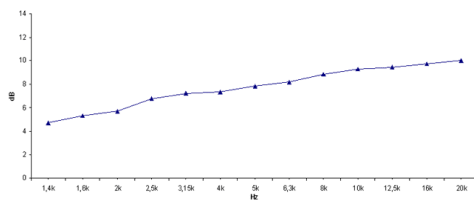
NOTES:

Sold only in combination with a FaitalPRO 1" HF Driver

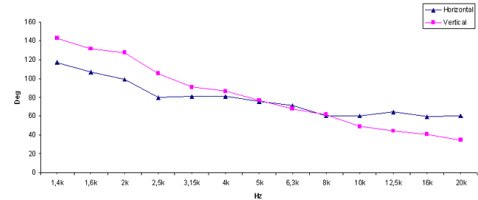
- (1) 4 π sr acoustic loading
- (2) Average value in frequency range: 2-16 KHz
- (3) Average values on horizontal and vertical planes



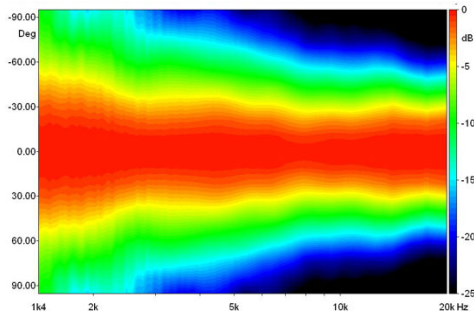
DIRECTIVITY INDEX



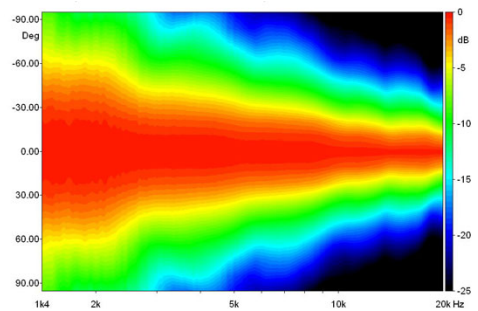
BEAMWIDTH



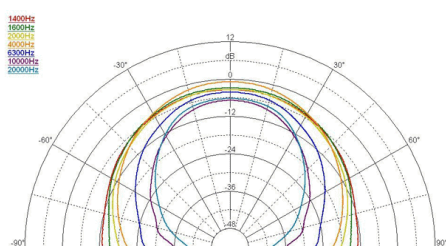
HORIZONTAL BEAMWIDTH



VERTICAL BEAMWIDTH



HORIZONTAL POLAR PATTERN



VERTICAL POLAR PATTERN

