

# STH100

1" Elliptical Tractrix



## NOMINAL SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| Type                                | Elliptical Tractrix                          |
| <b>Throat Diameter</b>              | <b>25.4 mm (1 in)</b>                        |
| 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   |
| <b>Material</b>                     | <b>Al</b>                                    |
| 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)                             |
| <b>Net Weight</b>                   | <b>460 g (1.01 lb)</b>                       |
| Shipping Box<br>(Single Carton Box) | 208 x 135 x 107 mm<br>(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 <sup>3</sup> (0.014 ft <sup>3</sup> ) |

## 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

