

## FRWS5-4

Visaton 5 cm (2") HiFi fullrange driver with square basket (2209)

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### General description

5 cm (2") fullrange speaker with square basket, soft surround and special light weight cone. Balanced frequency response above 250 Hz, brilliant highs and good omnidirectional sound distribution. Suitable as midrange driver in column speaker systems for HiFi applications as well as for 100 V sound reinforcement systems. Due to the small size also suitable for model construction and as control speaker for electronic devices

### Typical applications:

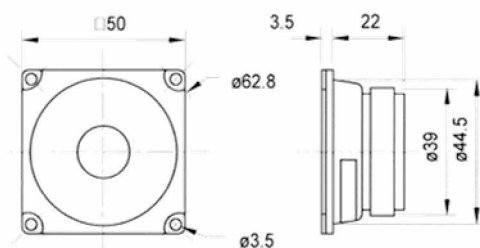
- Very narrow network column speakers
- Control speaker for electronic devices
- Model construction

### Attributes :

- Moisturised cone
- Metal basket

### Technical Data:

Rated power 4 W  
Maximum power 10 W  
Nominal impedance 2.4 Ohm  
Frequency response 150–20000 Hz  
Mean sound pressure level 84 dB (1 W/1 m)  
Maximum cone displacement 4 mm  
Resonance frequency  $f_s$  330 Hz  
Magnetic induction 0,75 T  
Magnetic flux 65  $\mu$ Wb  
Height of front pole-plate 2 mm  
Voice coil diameter 14 mm  
Height of winding 2,7 mm  
Cutout diameter 45 mm  
Net weight 0,087 kg  
D.C. resistance  $R_{dc}$  3,6 Ohm  
Mechanical Q factor  $Q_{ms}$  3,14  
Electrical Q factor  $Q_{es}$  2,86  
Total Q factor  $Q_{ts}$  1,5  
Equivalent volume  $V_{as}$  0,1  
Effective piston area  $S_d$  12 cm<sup>2</sup>  
Dynamically moved mass  $M_{ms}$  0,5 g  
Force factor  $B_{xl}$  1,1 T m  
Inductance of the voice coil  $L_0$  0,1 mH  
Heat resistance -25 ... 70 °C



drawing

Vibration IRW: 5 4 11km  
Frequencia y desplazamiento

