

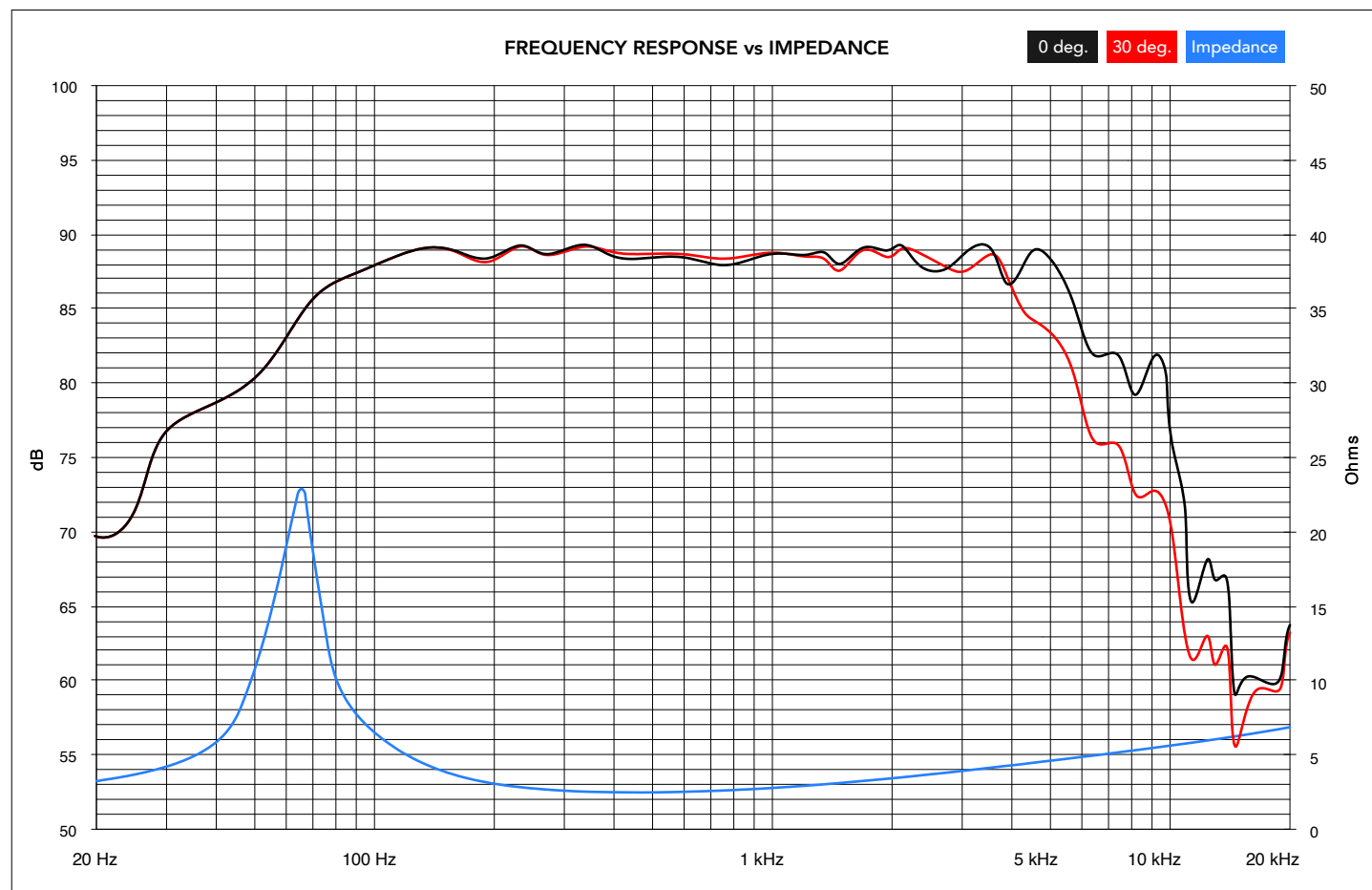
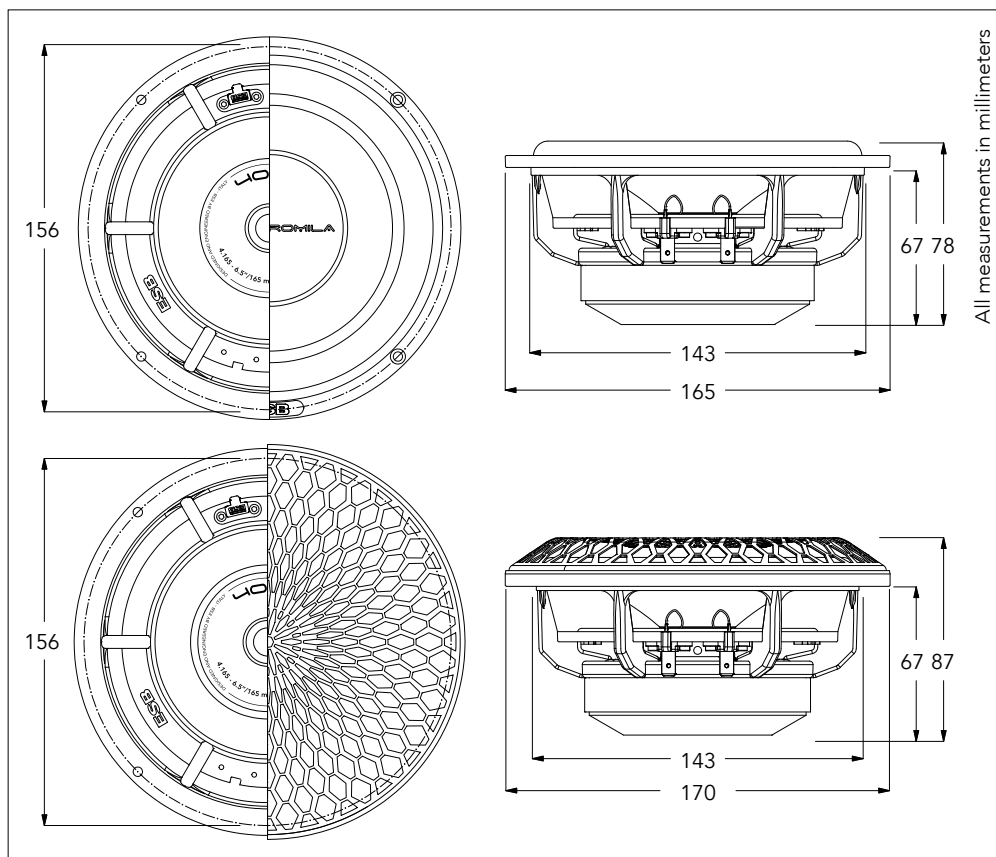
Speaker Type: Component Mid-Woofer  
 Nominal Diameter: 6.5"/165 mm  
 Nominal Impedance (Znom): 4 Ohms  
 Continuous Power Handling: 150 W  
 Peak Power Handling: 300 W  
 Rec. Amplifier Power: 60 - 225W (RMS)

### PARAMETERS

Voice Coil Resistance (Re): 2.91 Ohms  
 Voice Coil Diameter: 25.5 mm  
 Free Air Resonance (Fs): 57.3 Hz  
 Reference Efficiency (no): 0,36 %  
 Sensitivity: 89.5 dB @ 1W/1m  
                   92.5 dB @ 2.83V/1m  
 Electrical "Q" (Qes): 0.625  
 Mechanical "Q" (Qms): 4.403  
 Total Speaker "Q" (Qts): 0.547  
 Equivalent Compliance (Vas): 12.55 lt  
 Moving Mass (Mms): 15.3 g  
 Mech. Compliance (Cms): 0.504 mm/N  
 Magnetic Strength (BL): 5.065 N/A  
 Effective Piston Area (Sd): 132.73 sq. cm  
 One-Way Linear Excursion (Xmax): 4.5 mm

### DESIGN BANDWIDTH

With 48 dB/oct. HP filters: 60 Hz - 6 KHz  
 With 24 dB/oct. HP filters: 70 Hz - 6 KHz  
 With 12 dB/oct. HP filters: 80 Hz - 6 KHz



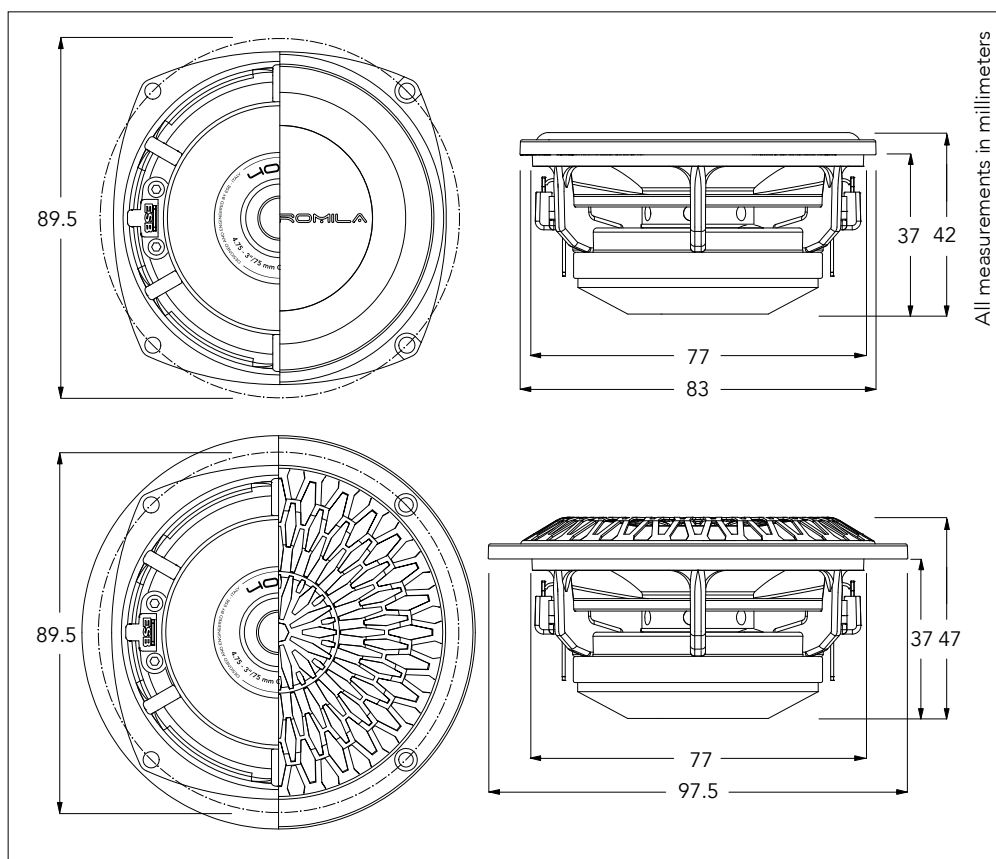
Speaker Type: Component Midrange  
 Nominal Diameter: 3"/75 mm  
 Nominal Impedance (Znom): 4 Ohms  
 Continuous Power Handling: 100 W  
 Peak Power Handling: 200 W  
 Rec. Amplifier Power: 40 - 150W (RMS)

#### PARAMETERS

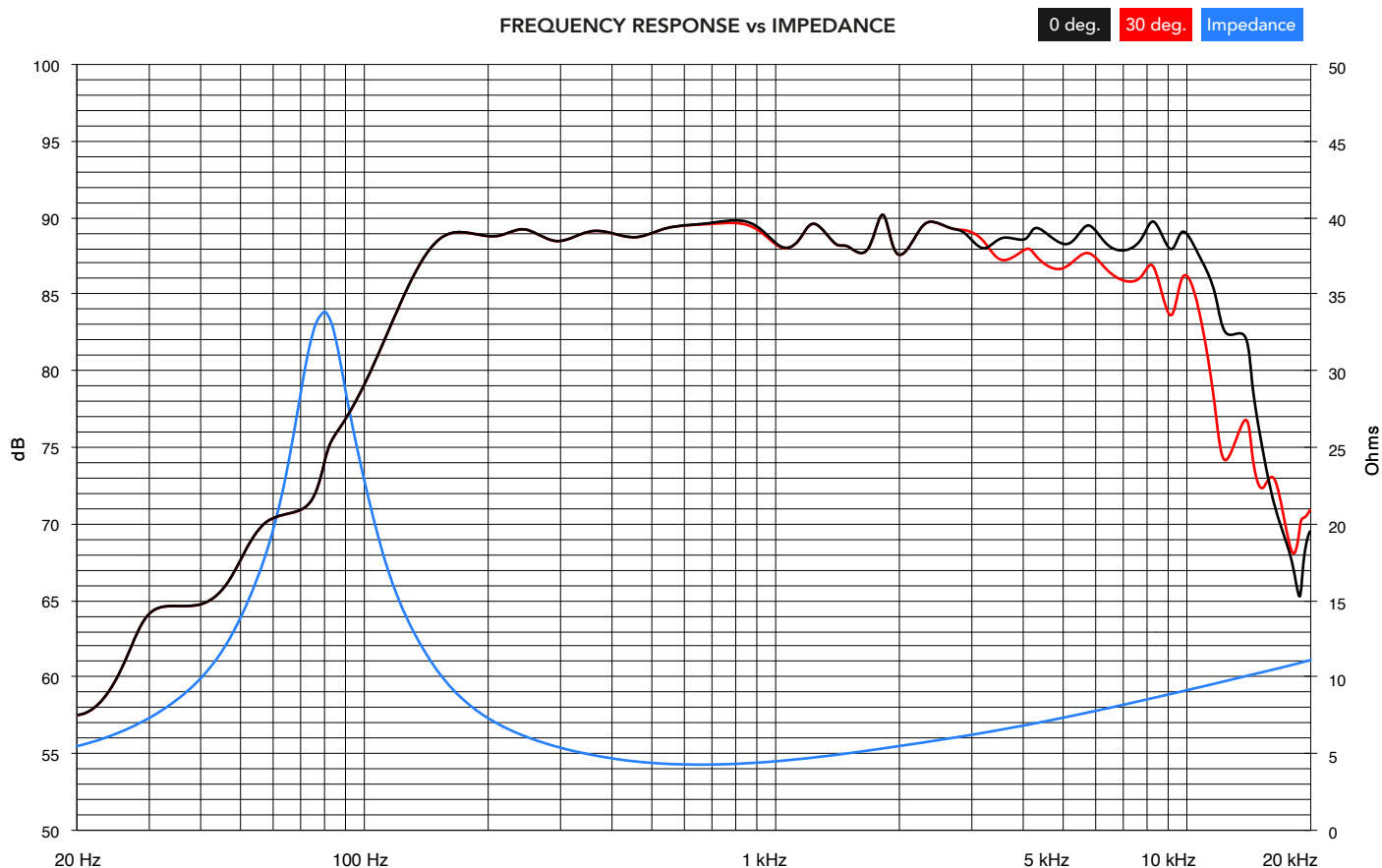
Voice Coil Resistance (Re): 3.78 Ohms  
 Voice Coil Diameter: 25.5 mm  
 Free Air Resonance (Fs): 78.5 Hz  
 Reference Efficiency (no): 0.35 %  
 Sensitivity: 87.6 dB @ 1W/1m  
                   90.6 dB @ 2.83V/1m  
 Electrical "Q" (Qes): 0.299  
 Mechanical "Q" (Qms): 2.397  
 Total Speaker "Q" (Qts): 0.266  
 Equivalent Compliance (Vas): 2.22 lt  
 Moving Mass (Mms): 3.87 g  
 Mech. Compliance (Cms): 0.106 mm/N  
 Magnetic Strength (BL): 4.917 N/A  
 Effective Piston Area (Sd): 38.48 sq. cm  
 One-Way Linear Excursion (Xmax): 2.6 mm

#### DESIGN BANDWIDTH

With 48 dB/oct. HP filters: 140 Hz - 10 KHz  
 With 24 dB/oct. HP filters: 180 Hz - 10 KHz  
 With 12 dB/oct. HP filters: 220 Hz - 10 KHz



FREQUENCY RESPONSE vs IMPEDANCE



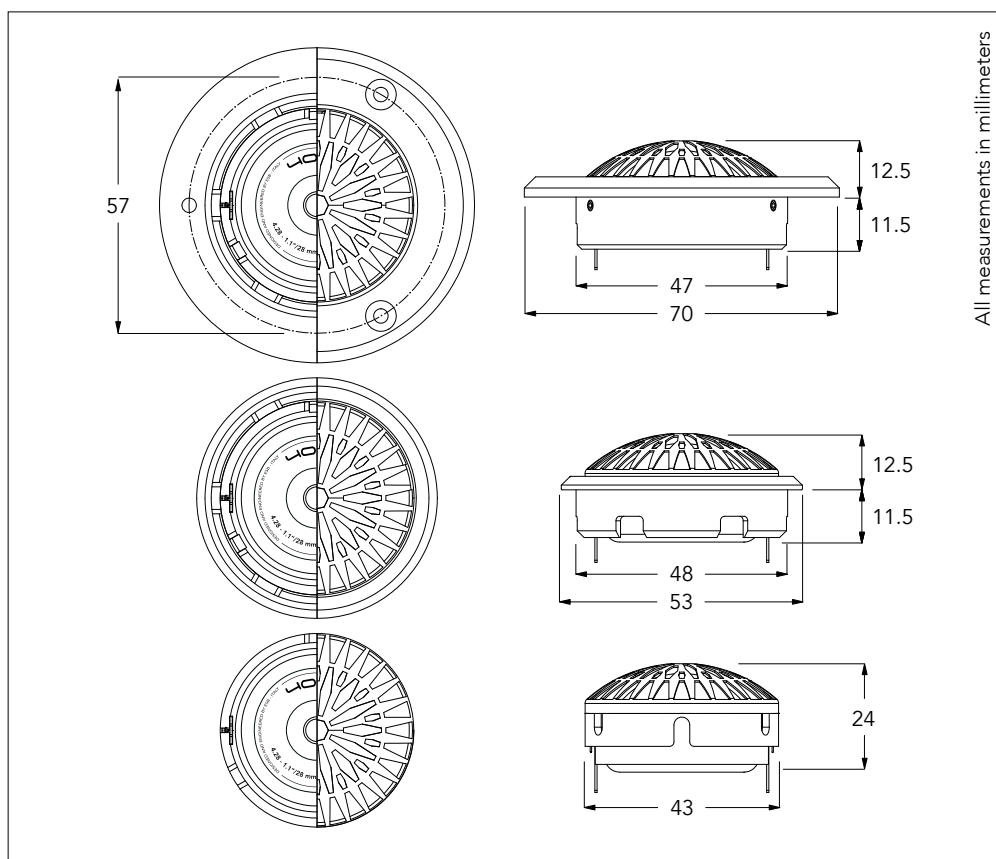
Speaker Type: Component Tweeter  
 Nominal Diameter: 1.1"/28 mm  
 Nominal Impedance (Znom): 4 Ohms  
 Continuous Power Handling: 100 W  
 Peak Power Handling: 200 W  
 Rec. Amplifier Power: 40 - 150W (RMS)

#### PARAMETERS

Voice Coil Resistance (Re): 3.6 Ohms  
 Voice Coil Diameter: 28 mm  
 Free Air Resonance (Fs): 990 Hz  
 Sensitivity: 90.5 dB @ 1W/1m  
               93.5 dB @ 2.83V/1m  
 Electrical "Q" (Qes): 1.107  
 Mechanical "Q" (Qms): 0.939  
 Total Speaker "Q" (Qts): 0.508

#### DESIGN BANDWIDTH

With 48 dB/oct. HP filters: 2 KHz - 22 KHz  
 With 24 dB/oct. HP filters: 2.2 KHz - 22 KHz  
 With 12 dB/oct. HP filters: 2.4 KHz - 22 KHz



All measurements in millimeters

#### FREQUENCY RESPONSE vs IMPEDANCE

