



**Model: RS-M63EC V2**  
16 CM MID-RANGE SPEAKER  
1" CCAW Voice Coil

## SPECIFICATIONS

| General Data                     |             |     | Unit | FEATURES                           |
|----------------------------------|-------------|-----|------|------------------------------------|
| Overall Dimensions               | Ø166 x 75   | mm  |      | Steel Basket                       |
| Nominal Power Handling           | 120         | W   |      | Paper Cone, Treated Cloth Surround |
| Maximum Power                    | 240         | W   |      | Paper Dustcap                      |
| Sensitivity                      | 93          | dB  |      | High Temperature CCAW Voice Coil   |
| Frequency Response               | 130~15000   | Hz  |      | Ferrite Magnet Structure           |
| Cone Material                    | Paper       |     |      | <b>Dimensions</b><br>              |
| Basket                           | Steel       |     |      |                                    |
| Net Weight                       | 1.02        | kg  |      |                                    |
| Electrical Data                  |             |     |      |                                    |
| Nominal Impedance                | 4           | Ohm |      |                                    |
| DC Resistance                    | 3.2         | Ohm |      |                                    |
| Voice Coil and Magnet Parameters |             |     |      |                                    |
| Voice Coil Diameter              | 25.5        | mm  |      |                                    |
| Voice Coil Height                | 6.5         | mm  |      |                                    |
| Magnetic Gap Height              | 5           | mm  |      |                                    |
| Voice Coil Robbin                | Kapton      |     |      |                                    |
| Number of Layers                 | 2L          |     |      |                                    |
| T-S Parameters                   |             |     |      |                                    |
| Suspension Compliance            | 179.494µM/N | Cms |      |                                    |
| Mechanical Q Factor              | 4.558       | Qms |      |                                    |
| Electrical Q Factor              | 1.232       | Qes |      |                                    |
| Total Q Factor                   | 0.97        | Qts |      |                                    |
| Moving Mass                      | 7.883g      | Mms |      |                                    |
| Eq. Cas AIR Loaded               | 5.954L      | Vas |      |                                    |
| Resonant Frequency               | 121.799     | Fs  |      |                                    |
| Effective Piston Area            | 152.84cm²   | SD  |      |                                    |