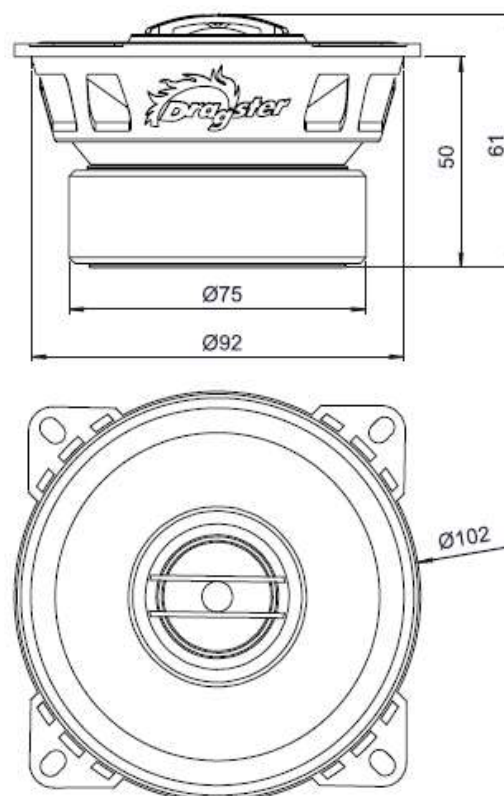


**MODEL NO:DCA-442**  
**4 Inch 2-Way Car Coaxial Speaker**  
**Ø 1.0 Inch Voice Coil 4Ω**



**SPECIFICATIONS**

| General Data                     |                   |           | Unit   |
|----------------------------------|-------------------|-----------|--------|
| Type                             | Woofer            | Tweeter   |        |
| Overall Dimensions               | 103*82            |           | mm     |
| Nominal Power Handling           | 30                |           | W      |
| Transient Power 10ms             | 60                |           | W      |
| Sensitivity                      | 85                |           | dB     |
| Frequency Response               | 112-20K           |           | Hz     |
| Cone Material                    | Polypropyle       | PEI Dome  |        |
| Net Weight                       | 0,53              |           | kg     |
| Electrical Data                  |                   |           |        |
| Nominal Impedance                | 4                 | 4         | Ohm    |
| DC Resistance                    | 3,4               | 3,2       | Ohm    |
| Voice Coil and Magnet Parameters |                   |           |        |
| Voice Coil Diameter              | 25,9              | 13,28     | mm     |
| Voice Coil Height                | 6,5               | 1,4       | mm     |
| HE Magnetic Gap Height           | 4                 | 1,5       | mm     |
| Max.Linear Excursion             | 1,25              |           | mm     |
| Voice Coil bobbin                | KAPTON            | Aluminum  |        |
| Voice Coil Wire                  | Copper            | CCAW      |        |
| Number Of Layers                 | 2                 | 2         | layers |
| Magnet System Type               | High Flux Ferrite | Neodymium |        |
| BL Product                       | 3,15              |           | N.A    |
| T-S Parameters                   |                   |           |        |
| Suspension Compliance            | Cms               | 0,378     |        |
| Mechanical Q Factor              | Qms               | 4,41      |        |
| Electrical Q Factor              | Qes               | 1,17      |        |
| Total Q Factor                   | Qts               | 0,93      |        |
| Moving Mass                      | Mms               | 5,32      |        |
| Eq.Cas Air Load( liters)         | VAS               | 1,72      | Liter  |
| Resonant Frequency               | Fs                | 112       | Hz     |
| Effective Piston Area            | SD                | 56.7      | cm²    |



**FOR REFERENCE ONLY**

