

## Specification

|                           |                |
|---------------------------|----------------|
| Nominal Basket Diameter   | 12", 304.8mm   |
| Nominal Impedance*        | 16 ohms        |
| Power Rating**            | 75W            |
| Resonance                 | 103Hz          |
| Usable Frequency Range*** | 70Hz-5.3kHz    |
| Sensitivity               | 102            |
| Magnet Weight             | 56 oz.         |
| Gap Height                | 0.312", 7.92mm |
| Voice Coil Diameter       | 1.75", 44.5mm  |

## Thiele & Small Parameters

|   |                           |
|---|---------------------------|
| Resonant Frequency (fs)                   | 103Hz                     |
| DC Resistance (Re)                        | 14.0                      |
| Coil Inductance (Le)                      | 0.70mH                    |
| Mechanical Q (Qms)                        | 12.51                     |
| Electromagnetic Q (Qes)                   | 0.66                      |
| Total Q (Qts)                             | 0.63                      |
| Compliance Equivalent Volume (Vas)        | 32.8 liters / 1.2 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd)   | 64cc                      |
| Mechanical Compliance of Suspension (Cms) | 0.09mm/N                  |
| BL Product (BL)                           | 19.5 T-M                  |
| Diaphragm Mass inc. Airload (Mms)         | 28 grams                  |
| Efficiency Bandwidth Product (EBP)        | 157                       |
| Maximum Linear Excursion (Xmax)           | 1.2mm                     |
| Surface Area of Cone (Sd)                 | 519.5 cm <sup>2</sup>     |
| Maximum Mechanical Limit (Xlim)           |                           |

## Mounting Information

|                              |                    |
|------------------------------|--------------------|
| Recommended Enclosure Volume |                    |
| Sealed                       | Acceptable         |
| Vented                       | Acceptable         |
| Overall Diameter             | 12.02", 305.3mm    |
| Baffle Hole Diameter         | 10.97", 278.6mm    |
| Front Sealing Gasket         | fitted as standard |
| Rear Sealing Gasket          | fitted as standard |
| Mounting Holes Diameter      | 0.25", 6.4mm       |
| Mounting Holes B.C.D.        | 11.63", 295.4mm    |
| Depth                        | 5.2", 132mm        |
| Net Weight                   | 10.8 lbs., 4.9 kg  |
| Shipping Weight              | 12.6 lbs., 5.7 kg  |

## Materials of Construction

Copper voice coil  
 Nomex former  
 Ferrite magnet  
 Non-vented core  
 Pressed steel basket  
 Paper Cone  
 Paper cone edge  
 Zurette dust cap



  
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 The Art and Science of Sound

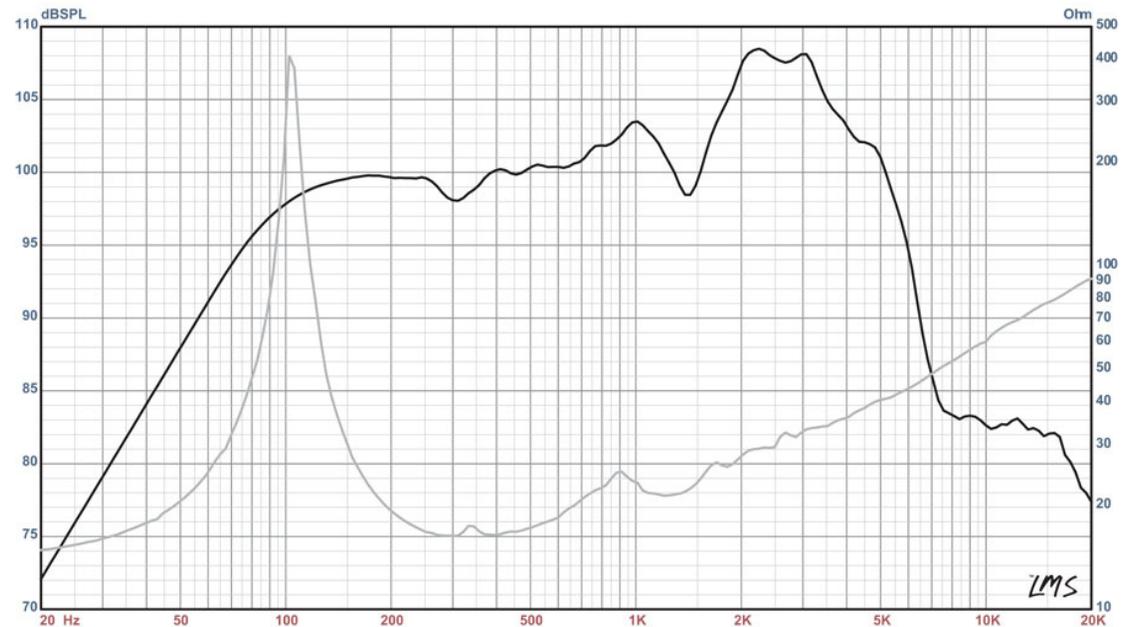
## THE GOVERNOR™ 16

**RED COAT™**

**gov'er nor** n. a thick and raunchy British-voiced 12" guitar speaker with leading tonal characteristics

**Coloration:** Classic British tone. Thick and raunchy with lots of mids

**Genre:** Classic British Rock tone of the 60's and 70's



\* Please inquire about alternative impedances.

\*\* Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

\*\*\* The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)