

Specification Sheet

Model # FC6S-FR



MISCO®

Key Features:

- 6" (156mm), 8 ohm
- Full Range, 12 watts
- 4.8 oz Ferrite magnet
- flame retardant paper cone;

Product Specifications & Parameters

Primary Specifications

| | |
|----------------------|--------|
| Speakers Environment | Indoor |
| RoHS Compliant | No |

Technical Specifications

| | | Units of Measure |
|--|------------|------------------|
| Nominal Basket Diameter | 6.0 | inch |
| | 156.0 | mm |
| Rated Impedance | 8 | ohms |
| Rated Power | 12.0 | Watts |
| Program Power | 24 | Watts |
| Frequency Range | 70 - 16000 | Hz |
| Sensitivity (2.83 V input measured at 1 Meter) | 94 | dB SPL |
| Voice Coil Diameter | 0.8 / 20.3 | inch / mm |
| Magnet Weight | 4.8 / 136 | oz / gr |
| Transformer | | |

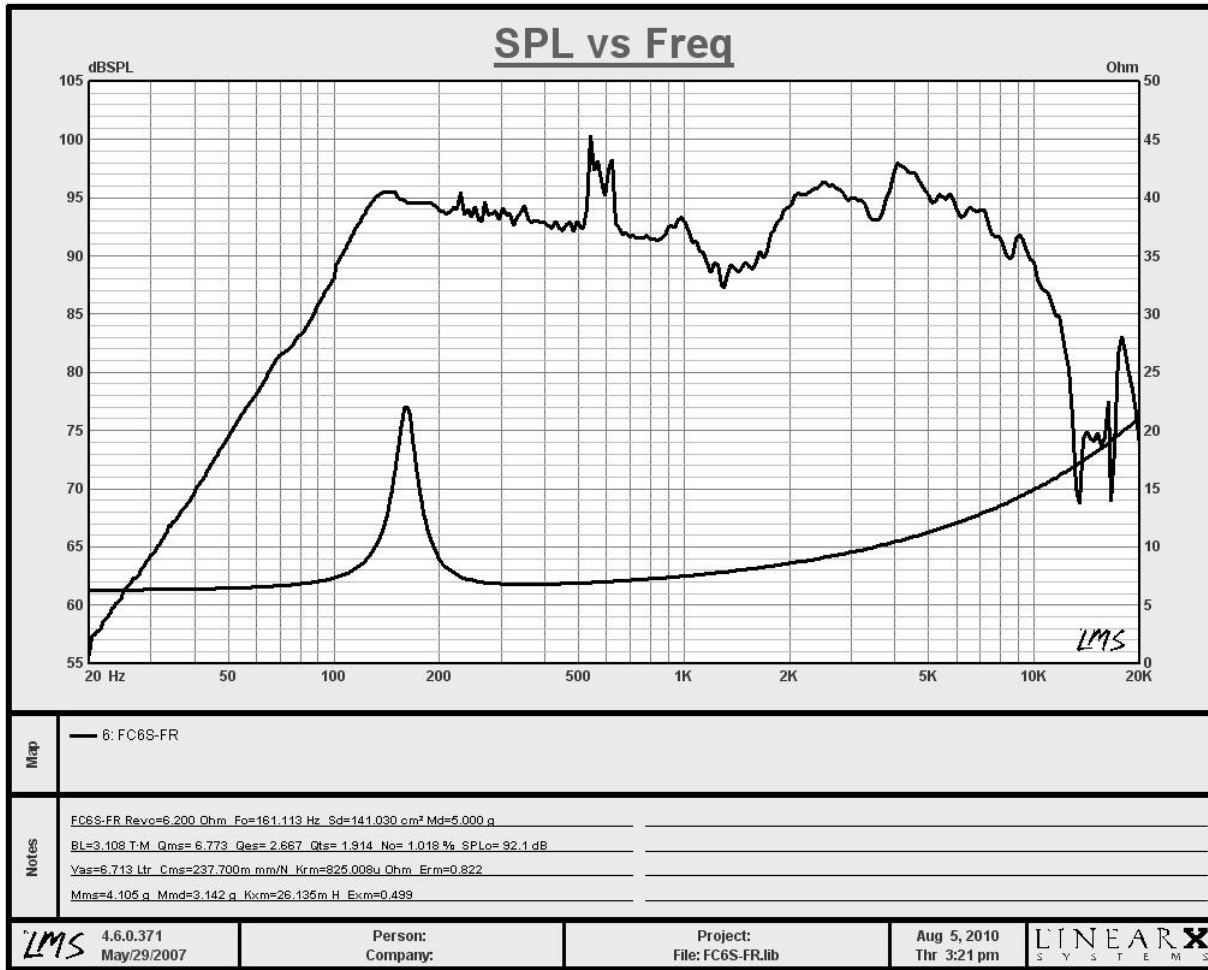
Small Signal Parameters

| | | Units of Measure |
|------------------------------------|-------|------------------|
| Resonant Frequency (fo) | 161 | Hz |
| D.C. Resistance (Re) | 6.0 | ohms |
| Mechanical Q (Qms) | 6.8 | |
| Electrical Q (Qes) | 2.67 | |
| Total Q (Qts) | 1.91 | |
| Compliance Equivalent Volume (Vas) | 6.7 | ltr |
| BL Product (BL) | 3.1 | T-M |
| Maximum Linear Excursion (Xmax) | 0.3 | mm |
| Surface Area of Cone (Sd) | 141.0 | cm2 |
| Moving Mass (Mmd) | | g |

Material Descriptions

| | |
|-----------------|-----------------------|
| Basket | Stamped Steel |
| Terminal Size | 0.2 X 0.02 |
| Magnet | Ferrite |
| Voice Coil Wire | Copper |
| Voice Coil Form | Aluminum |
| Cone | Flame Retardant Paper |
| Cone Edge | Paper |
| Dust Cap | Paper |

Sensitivity / Frequency



Drawing

| ID | Description | Measurements | Tolerance |
|----|-------------------|--------------|------------|
| Od | Outside Diameter | 6.2 in. | +/- 0.020" |
| CD | Cutout Diameter | 5.7 in. | +/- 0.020" |
| MG | Magnet Diameter | 2.8 in. | +/- 0.050" |
| HD | Hole Diameter | 0.3 in. | +/- 0.010" |
| MD | Mounting Diameter | 6.2 in. | +/- 0.010" |
| ID | Internal Depth | 2.0 in. | +/- 0.025" |
| FT | Flange Thickness | 0.1 in. | +/- 0.050" |
| NW | Net Weight | 493.0 g | |

