

Specification Sheet

Model # EN32WP-A



MISCO
Minneapolis Speaker Company

Key Features:

- 3.5" (87mm), 8 ohm
- Voice Range, 8 watts
- Neodymium magnet, red acrylic treated cloth cone;

Product Specifications & Parameters

Primary Specifications

| | |
|----------------------|---------|
| Speakers Environment | Outdoor |
| RoHS Compliant | No |

Technical Specifications

| | | Units of Measure |
|---|-------------|------------------|
| Nominal Basket Diameter | 3.5 | inch |
| | 87.0 | mm |
| Rated Impedance | 8 | ohms |
| Rated Power | 8 | Watts |
| Program Power | 16 | Watts |
| Frequency Range | 250 - 10000 | Hz |
| Sensitivity (2.83 V input measured at 1 Meter) | 90 | dB SPL |
| Voice Coil Diameter | 0.8 / 20.3 | inch / mm |
| Magnet Weight | 0.4 / 12 | oz / gr |

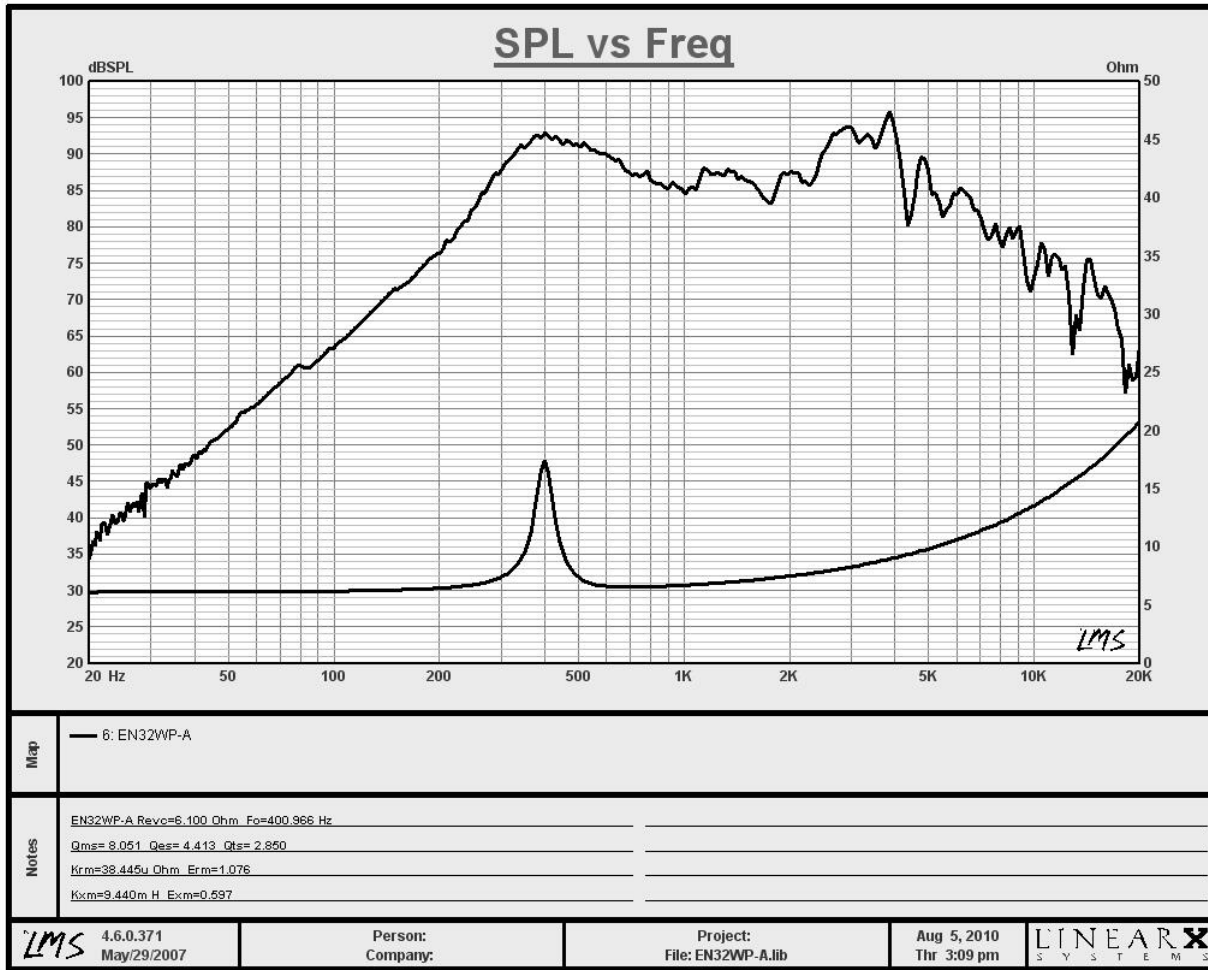
Small Signal Parameters

| | | Units of Measure |
|------------------------------------|------|------------------|
| Resonant Frequency (fo) | 401 | Hz |
| D.C. Resistance (Re) | 6.0 | ohms |
| Mechanical Q (Qms) | 8.1 | |
| Electrical Q (Qes) | 4.41 | |
| Total Q (Qts) | 2.85 | |
| Compliance Equivalent Volume (Vas) | | ltr |
| BL Product (BL) | | T-M |
| Maximum Linear Excursion (Xmax) | 1.5 | mm |
| Surface Area of Cone (Sd) | | cm2 |

Material Descriptions

| | |
|-----------------|---------------------------|
| Basket | Stamped Steel |
| Terminal Size | 0.19 X 0.02 |
| Magnet | Neodymium |
| Voice Coil Wire | Copper |
| Voice Coil Form | Aluminum |
| Cone | Red Acrylic Treated Cloth |
| Cone Edge | Red Acrylic Treated Cloth |
| Dust Cap | Red Acrylic Treated Cloth |

Sensitivity / Frequency



Drawing

| ID | Description | Measurements | Tolerance |
|----|-------------------|--------------|------------|
| Od | Outside Diameter | 3.5 in. | +/- 0.020" |
| CD | Cutout Diameter | 3.1 in. | +/- 0.020" |
| MG | Magnet Diameter | 1.1 in. | +/- 0.050" |
| HD | Hole Diameter | 0.2 in. | +/- 0.010" |
| MD | Mounting Diameter | 3.9 in. | +/- 0.010" |
| ID | Internal Depth | 1.0 in. | +/- 0.025" |
| FT | Flange Thickness | 0.1 in. | +/- 0.050" |
| NW | Net Weight | 94.0 g | |

