Speaker Mechanism MI-6333-C

MI-6333-D $25.00

Features

- Wide frequency range.
- High power capacity.
- Alnico magnet.
- High efficiency.
- Moisture-resistant cone and voice coil.
- Corrugated cone.
- One-piece cone construction.

Use

The MI-6333-C loudspeaker was designed primarily for 16mm portable sound motion picture equipment, although it is applicable anywhere there is a need for a high quality 10-inch permanent magnet cone-type mechanism which will handle large amounts of power.

Description

The MI-6333-C speaker is a 10-inch permanent magnet cone type mechanism. The cone is of one piece and is corrugated, which results in smoother characteristics and improved performance. The permanent magnet is of Alnico metal ensuring permanence and stability of the field. To make the speaker more rugged, the cone is made moisture-resistant and a baking-type resin cement is used on the voice coil. The diaphragm is equipped with an adjustable centering device. This speaker has an unusually good frequency response characteristic and capably handles large amounts of power. The gap flux density is very high, contributing to the speaker's high efficiency and sensitivity.

Specifications

Impedance	6 ohms at 400 cycles
Frequency Range	60 to 7000 cycles
Power Capacity	25 watts
Axial Sensitivity	95 db at 4 ft. with 1 watt input
Gap Flux Density	9500 lines/cm^2
Magnet	Alnico II
Magnet Weight	2½ lbs.
Diameter	10¼″
Depth	6 11/64″
Mounting Data	4 equally spaced 9/32″ x 7/32″ holes on 9⅝″ circle
Net Weight	6¾ lbs.
Shipping Weight	9 lbs.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The speaker shall be a 10″ permanent magnet straight edge cone type mechanism, whose cone shall be in one piece and shall be corrugated. There shall be an adjustable centering device on the voice coil assembly. The cone shall be treated for moisture resistance and the voice coil shall be covered with a baking type resin cement. The permanent magnet shall be of Alnico metal, and the gap flux density shall be 9500 lines/cm^2. The frequency response of the speaker shall be 60 to 7000 cycles; and the axial sensitivity at 4 ft. with 1 watt input shall be 95 db. The voice coil impedance shall be 6 ohms at 400 cycles, and the speaker shall handle 25 watts. The exterior metal parts shall be finished in baked umber gray and cadmium plate. The diameter shall be 10¼″, the depth shall be 6 11/64″, and the unit shall be mounted by means of four equally-spaced 9/32″ x 7/32″ holes on a 9⅝″ bolt circle. The net weight shall be 6¾ lbs.