

KEY FEATURES

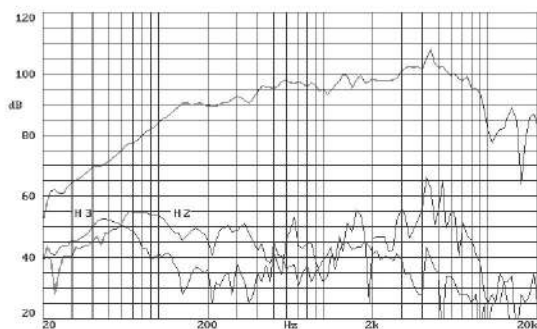
- Exceptional power handling: 125 w AES
- High sensitivity: 100 dB
- 1.5" (38.5 mm.) edgewound aluminium ribbon voice coil
- Aluminium basket
- High efficiency: 3.3 %
- Excellent dispersion control due to the use of a phase plug
- Low harmonic distortion
- Linear frequency response



GENERAL DESCRIPTION

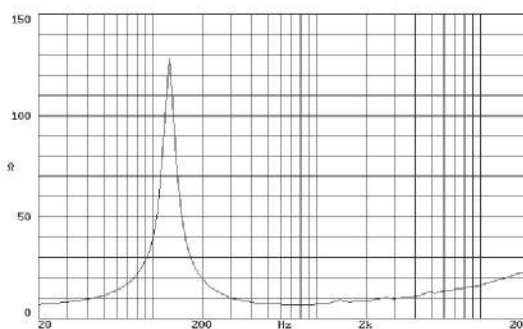
This 6.5" mid frequency loudspeaker has been designed on the basis of the 6MI90 with the purpose of improving the efficiency. The new one includes a high energy neodymium magnet that increases it and reduces the loudspeaker net weight. Thus, the 605Nd is 3 dB louder and 30% lighter than the ferrite version. By the other hand, this loudspeaker is mounted with an special cast aluminium basket that reduces mechanical vibrations and increases thermal dissipation. All these improvements, combined with the 6MI90 excellences (low harmonic distortion and extended frequency response), result in a superb transducer for sound reinforcement applications.

FREQUENCY RESPONSE AND DISTORTION CURVES

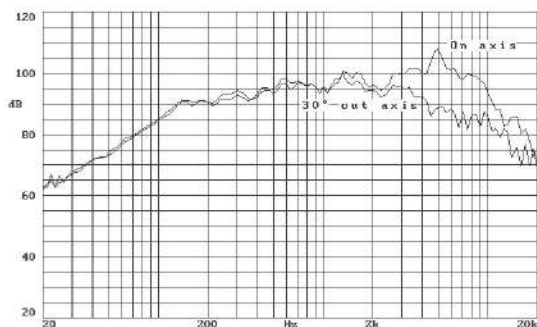


Note: on axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1w @ 1m.

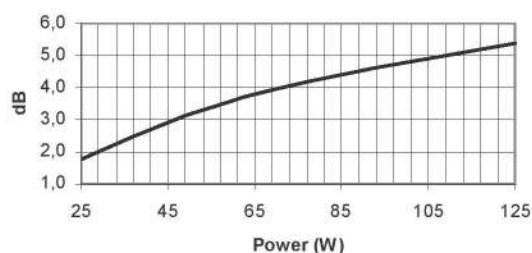
FREE AIR IMPEDANCE CURVE



FREQUENCY RESPONSE OUT OF AXIS



POWER COMPRESSION LOSSES



Note: These losses are calculated from a five minutes AES power test applying band limited pink noise (150-3500 Hz). The loudspeaker is free-air standing.