

70293-X1

3" / 3.1" Full Range Speaker

KEY FEATURES

This 3" full range speaker features a truncated stamped steel basket for tight-fitting applications, including sound bars, line arrays, and miniature bass reflex cabinets. Designed specifically to deliver exceptional clarity in casino gaming cabinets, the 70290 offers a wide frequency range of 120Hz to 20kHz, and a sensitivity of 86 dB, making it an extremely versatile speaker for a wide range of applications.

GENERAL SPECIFICATIONS

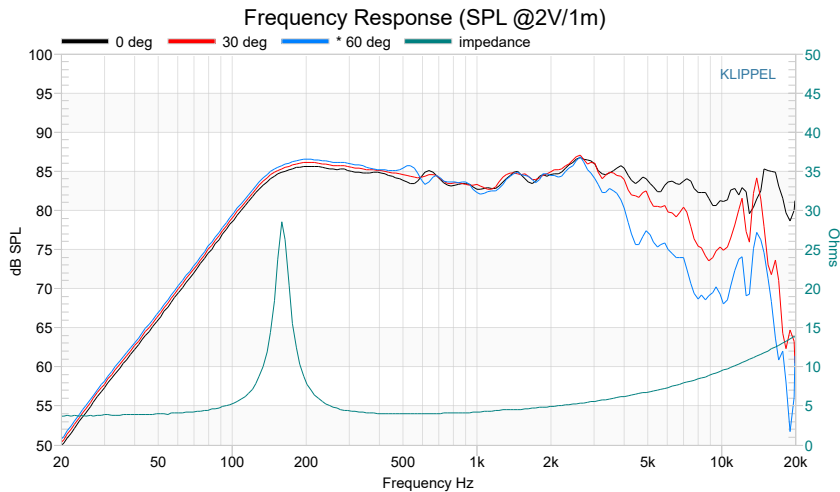
Nominal Diameter (in & mm)	2.65" (67 mm)
Nominal Impedance (Z) (Ω)	4
Rated Power AES (W)	10
Peak Power (W)	15
Magnet Weight (oz)	3.4
Voice Coil Diameter (in & mm)	0.787" (20 mm)
SPL (dB) 1W @ 1M	86
Frequency Range (Hz)	120Hz - 20kHz

SMALL SIGNAL PARAMETERS

Fs (Hz)	180
Re (Ω)	3.65
Le (mH)	0.095
Mms (g)	1.88
Rms (kg/s)	0.22
Cms (mm/N)	0.459
Bl (TM)	2.49
Qms	9.35
Qes	1.2
Qts	1.06
Vas (Liters)	0.592
Sd (cm²)	30.2
Xmax (mm) Klippel verified @82% Bl	1.57

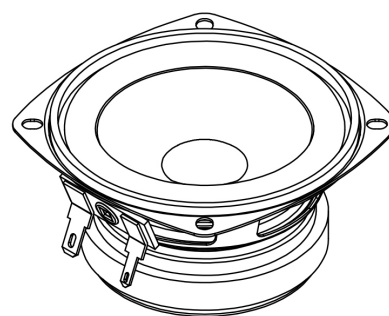
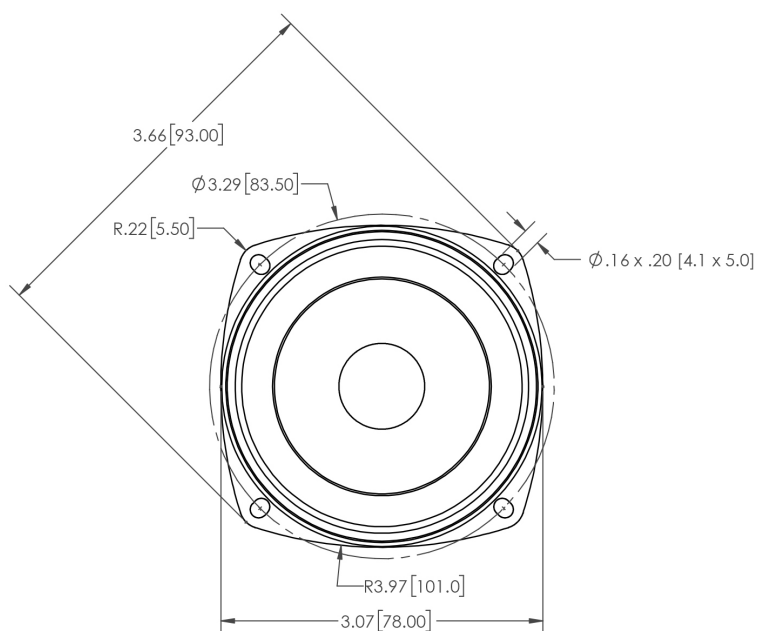
MATERIAL DESCRIPTIONS

Basket	Stamped Steel
Magnet Material	Ferrite
Cone Material	Paper+Cloth
Cone Edge	Cloth
Dust Cap	Plastic
Voice Coil	Copper



ABOUT MISCO

Founded in 1949, Minneapolis Speaker Company (MISCO) stands as a second-generation pioneer in manufacturing speakers and audio systems for OEM customers across the globe. With ISO 9001 certified facilities in both Minnesota and Asia, MISCO delivers cutting-edge audio solutions for diverse applications, ranging from casino gaming and mass transit to medical, military, commercial sound, professional audio, and even aerospace. Notably, MISCO’s speakers are deployed on the Orion spacecraft as part of NASA’s Artemis program. Backed by USA-based engineering, world-class manufacturing, a rich legacy, and forward-looking leadership, MISCO stands uniquely positioned to comprehensively support our valued customers worldwide.



PICTORIAL VIEW