4 1/2" WOOFER

SPECIAL FEATURES:

- Long stroke, low reflexion, magnesium basket
- Black coated paper cone
- Low damping rubber surround
- Vented through V.C. former and pole piece
- Neutral midrange reproduction

M11WH-09-08

NOMINAL IMPEDANCE 8 Ω
VOICE COIL RESISTANCE 5.4 Ω
NOMINAL POWER (IEC 268-5) 30 W
SHORT TERM MAX. POWER (IEC 268-5) 140 W
LONG TERM MAX. POWER (IEC 268-5) 70 W
MUSIC POWER (DIN 45500) 60 W
OPERATING POWER 8 W
SENSITIVITY (1W, 1m) / (2.83V, 1m) 87/87 dB
FREQUENCY RANGE 70-5000 Hz
FREE AIR RESONANCE 68 Hz
VOICE COIL DIAMETER 25 mm
VOICE COIL HEIGHT 10 mm
AIR GAP HEIGHT 4 mm
VOICE COIL INDUCTANCE 0.6 mH
EFFECTIVE CONE AREA 57 cm²
MOVING MASS (incl. air) 5.8 g
MAGNET WEIGHT (14.6 oz) 415 g
FORCE FACTOR, BxL 6.0 Txm
Vas 4.3 ltr
Qms 1.79
Qes 0.37
Qts 0.31

M11WH-09-08

DISPERSION PLOT
0, 30 and 60 deg.

Input: 2.83V
Mic.: 1m

1.8 ltr. box mounted in infinite baffle.

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Anechoic room 6 x 7 x 8 meters.
Half space free-field above 100 Hz.
Brüel & Kjær 20/2 Audio Analyzer.
The M11WH-09-08 is designed as a small "general purpose" woofer. It may be used in a sealed enclosure, but the best result will be obtained in a 1.5 litre vented box. Another application is as midrange for low cross over frequencies.

Note 1-3) Power test conditions: Amb. temp. 21°C ± 3°C, 3 litre sealed enclosure. Note 1) 100 hours continuous. Note 2) Signal 1 sec., pause 1 min., repeated 60 times. Note 3) Signal 1 min., pause 2 min., repeated 10 times.