

# 6 1/2" CAR MIDWOOFER

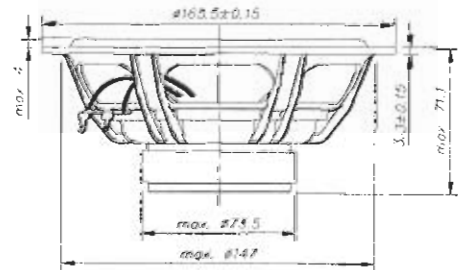
# A16WG-09-04

## SPECIAL FEATURES:

- \* NRSC PAPER CONE (NON-RESONANT-SUSPENSION-COUPLING)
- \* HIGH LINEARITY LOW-LOSS SUSPENSION
- \* NR (NON RESONANT) RUBBER SURROUND
- \* MOULDED FIBRE REINFORCED POLYMER CHASSIS IN "EURO-DIN" SIZE, WITH MULTI-DIMENSION MOUNTING FLANGE
- \* VENTED V.C. FORMER & MAGNET SYSTEM
- \* HUMIDITY AND HEAT RESISTANT
- \* OPTIMIZED FOR FREE-AIR USE



Nominal Impedance [•]	4
Voice Coil Resistance [•]	3.1
Nominal Power (IEC 268-5) [W]	60
Short term max power (IEC 268-5) [W]	300
Long term max power (IEC 268-5) [W]	150
Sensitivity (2.83v/1m)[dB]	90
Frequency Range [Hz]	57-8000
Free Air Resonance [Hz]	57
Voice Coil Diameter [mm]	25
Voice Coil Height [mm]	10
Air Gap Height [mm]	4
Voice Coil Inductance [mH]	0.5
Effective Diaphr. Area [cm <sup>2</sup> ]	138
Moving Mass (incl. air) [g]	10.7
Magnet Weight [g]/[oz]	240/8.5
Force Factor, B · l [T · m]	4.3
Vas [ltr]	19.6
Cms [mm/N]	0.73
Rm [Ns/m]	1.19
Qms	3.22
Qes	0.64
Qts	0.54



## A16WG-09-04

Input: 2.83V  
Mic.: 1m  
320 ltr. box mounted  
in Infinite baffle.

Sound Pressure  
response.  
0, 30 & 60 deg.

27.01.97 MT

Anechoic Room 6x7x8 meters.  
Half space free-field above 100 Hz.  
Brüel & Kjær 2012 Audio Analyzer.

