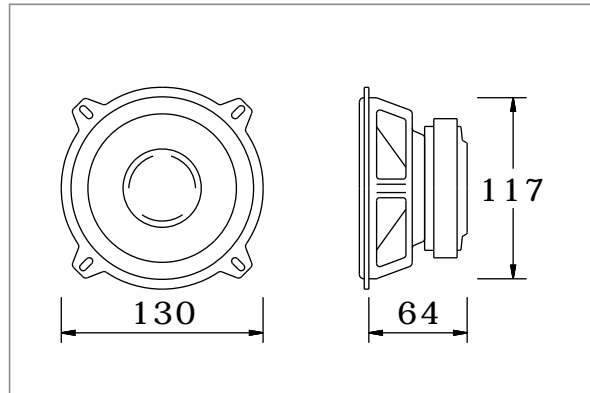


HE 130 X - 130 mm mid-woofer



TECHNICAL DATA

| | | | |
|-------------------------------|---------------|----------------------------------|------------|
| nominal impedance (Z_n) | 4 ohm | mechanical Q factor (Q_{ms}) | 2.47 |
| nominal power (P_n) | 110 watt | electrical Q factor (Q_{es}) | 0.46 |
| max power (P_m) | 220 watt | total Q factor (Q_{ts}) | 0.39 |
| sensitivity (2.83 V/1 m) | 90 dB | moving mass (M_{ms}) | 9.8 g |
| frequency range (BW) | 60 ÷ 5000 Hz | compliance (C_{ms}) | 0.76 mm/N |
| resonance frequency (F_s) | 58 Hz | equivalent volume (V_{as}) | 8.7 litres |
| voice coil diameter | 26 mm | force factor ($B \times L$) | 5.4 N/A |
| cone material | composite CSC | voice coil resistance (R_e) | 3.8 ohm |
| surround material | butyl rubber | voice coil inductance (L_e) | 0.6 mH |
| basket material | stamped steel | emission diameter (D) | 108 mm |
| magnet material | ferrite | linear excursion (X_{max}) | ± 2.5 mm |

FEATURES

Combinando le caratteristiche di due strati di polipropilene con carichi differenziati ad uno strato intermedio smorzante, abbiamo raggiunto un livello di prestazioni del cono assolutamente senza precedenti, per risposta ai transitori, trasparenza e neutralità timbrica.

L'anello di cortocircuito in alluminio (aluring), riducendo le non linearità tipiche dei circuiti magnetici tradizionali, incrementa la capacità di controllo dell'escursione della bobina mobile, con il conseguente abbattimento della distorsione alle frequenze medio-basse ed il sensibile incremento della capacità dinamica.

By combining the characteristics of two differently filled polypropylene layers with a highly damped coupling layer, we obtained a cone performance which is absolutely outstanding, for transient response, transparency and tonal balance.

The aluminium short circuit ring (aluring), by reducing the non-linearity which affects all the commonly made magnet systems, increases the excursion capability control of voice coil, giving a strong reduction of low and mid frequency harmonic distortion and a much wider dynamic headroom.

