

AL130M

Visaton 13 cm (5") High End midrange (1305)

[BACK](#)

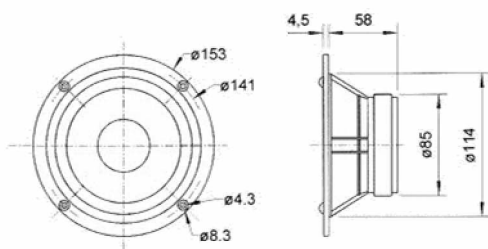


High End midrange

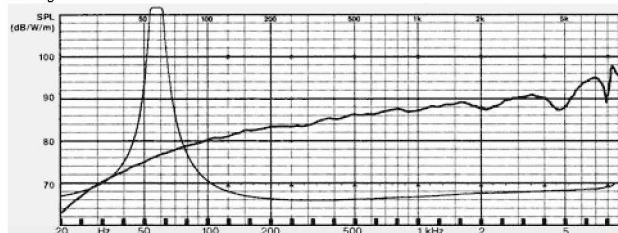
13 cm (5") High End midrange driver with stiff, anodized aluminium cone, solid aluminium die-cast basket and elastic rubber surround. Extremely low mechanical and electrical losses due to vented pole plate and vented damper. Capton voice-coil and impedance control ring. Due to the short voice-coil, the efficiency, compared to the AL 130, has been increased by 2 - 3 dB above 500 Hz. Suitable as midrange driver in 3-way High End applications for a frequency range up to 5000 Hz.

Technical Data:

Nominal power handling	60 Watt
Peak power handling	90 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	fu - 8000 Hz
{fu: Lower cut-off frequency depending on cabinet)	.
Mean sound pressure level	90 dB (1W/1m)
Maximum cone displacement	11 mm
Resonance frequency fs	50 Hz
Magnetic induction	0,95 Tesla
Magnetic flux	450 μ Weber
Height of front pole-plate	6 mm
Voice coil diameter	2,5 cm
Height of winding	1,2 cm
Cutout diameter	11,5 cm
Net weight	1 kg
D.C. resistance Rdc	5,4 Ohm
Mechanical Q factor Qms	5,38
Electrical Q factor Qes	0,41
Total Q factor Qts	0,39
Equivalent volume Vas	11,6 l
Effective piston area Sd	79 cm ²
Dynamically moved mass Mms	7,6 g
Force factor Bxl	5,58 T · m
Inductance of the voice coil L	0,7 mH



drawing



frequency response