

AL130

Visaton 13 cm (5") High End midrange driver (1301)

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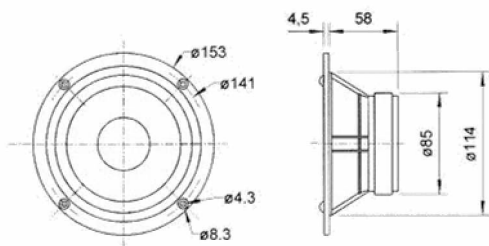


Midrange driver

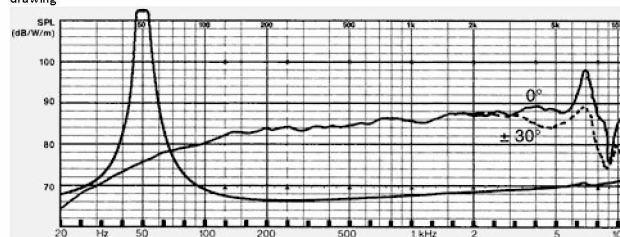
13 cm (5") High-End low midrange driver with stiff, anodized aluminium cone, solid aluminium die-cast basket and elastic rubber surround. Extremely low electrical and mechanical losses due to vented pole plate and vented damper. Capton voice-coil and impedance control ring. Extremely long cone displacement due to long stroke voice coil. Suitable as low-midrange driver for 3-way High-End applications 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	87 dB (1W/1m)
Maximum cone displacement	17 mm
Resonance frequency fs	40 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	1,8 cm
Cutout diameter	11,5 cm
Net weight	1 kg
D.C. resistance Rdc	5,6 Ohm
Mechanical Q factor Qms	5,19
Electrical Q factor Qes	0,39
Total Q factor Qts	0,36
Equivalent volume Vas	15,6 l
Effective piston area Sd	79 cm ²
Dynamically moved mass Mms	8,8 g
Force factor Bxl	5,64 T · m
Inductance of the voice coil L	0,67 mH



drawing



frequency response