

AL170

Visaton 17 cm (6.5") High-End low midrange (1302)

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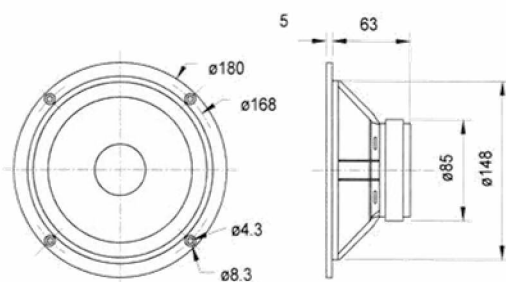


6.5" low midrange

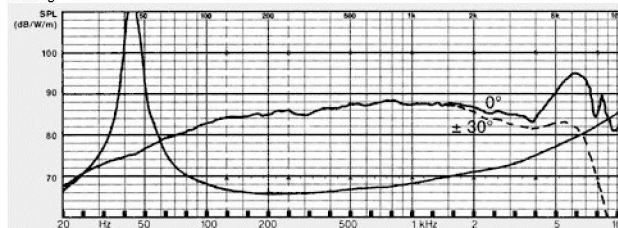
17 cm (6.5") High-End low midrange driver with stiff, anodized aluminium cone, solid aluminium die-cast basket and elastic rubber surround. Extremely low electrical and mechanical losses due to vented pole plate, vented damper and capton voice-coil. Extremely long cone displacement due to long stroke voice coil. Suitable as low-midrange driver for 2-, 3- and 4-way high-end applications up to 2500 Hz.

Technical Data:

Nominal power handling	70 Watt
Peak power handling	100 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	fu - 10000 Hz
(fu: Lower cut-off frequency depending on cabinet)	.
Mean sound pressure level	88 dB (1W/1m)
Maximum cone displacement	22 mm
Resonance frequency fs	38 Hz
Magnetic induction	1,1 Tesla
Magnetic flux	520 μ Weber
Height of front pole-plate	6 mm
Voice coil diameter	2,5 cm
Height of winding	1,8 cm
Cutout diameter	15 cm
Net weight	1,2 kg
D.C. resistance Rdc	5,6 Ohm
Mechanical Q factor Qms	4,47
Electrical Q factor Qes	0,36
Total Q factor Qts	0,34
Equivalent volume Vas	33 l
Effective piston area Sd	133 cm ²
Dynamically moved mass Mms	13 g
Force factor Bxl	6,93 T · m
Inductance of the voice coil L	0,91 mH



drawing



frequency response