

W 170 S - 8 Ohm



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17 cm (6.5") HiFi woofer with coated paper cone, powerful drive and extended rear pole plate. Special voice-coil and elastic rubber surround for long strokes.

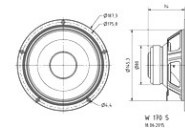
Recommended cabinets:

Volume/Principle	BR-Channel	f_b	f_c/Q_{TC}
20 l/closed	-	-	57 Hz/0,74
20 l/bass reflex	BR 19.24 (length 14 cm)	44 Hz	-
30 l/bass reflex	BR 15.34 (length 12 cm)	39 Hz	-
50 l/bass reflex	BR 15.34	33 Hz	-

Technical Data

Rated power	50 W
Maximum power	80 W
Nominal impedance Z	8 Ohm
Frequency response	fu-8000 Hz
(fu: Lower cut-off frequency depending on cabinet)	-
Mean sound pressure level	86 dB (1 W/1 m)
Opening angle (-6 dB)	72°/4000 Hz
Excursion limit	+/-10 mm
Resonance frequency fs	36 Hz
Magnetic induction	1,0 T
Magnetic flux	314 μWb
Height of front pole-plate	4 mm
Voice coil diameter	25 mm
Height of winding	12,5 mm
Cutout diameter	148 mm
Net weight	1,1 kg
D.C. resistance Rdc	5,9 Ohm
Mechanical Q factor Qms	2,43
Electrical Q factor Qes	0,66
Total Q factor Qts	0,52
Equivalent volume Vas	38 l
Effective piston area Sd	129 cm²
Dynamically moved mass Mms	13 g
Force factor Bxl	5,4 Tm
Inductance of the voice coil L	1,2 mH

sketch



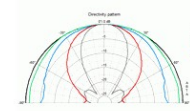
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frequency- and impedance response



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directivity pattern



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