Woofer
ARN-130-60/8

Woofer with shielded magnetic circuit for use mainly in loudspekaer systems which are expected to by operated near TV sets and monitors.

ACOUSTICAL DATA		
Rated noise power [1]	20	W
Short term maximum power [2]	50	W
Rated impedance	8	Ohm
Resonance frequency Fs [4]	60.000	Hz
Rated frequency range	50 - 15000	Hz
Sensitivity [3]	87	dB
TS PARAMETERS		
Acquired by MLSSA	D-0-10	
Effective piston area Sd	72.380	cm^2
DC resistance of voice coil Re	6.328	Ohm
Mechanical Q factor Qms	1.703	
Electrical Q factor Qes	0.960	
Total Q factor Qts	0.614	
Voice coil inductance Le	0.196	
Equivalent volume Vas	8.866	l
Moving mass (including air load) Mms	5.743	g
Suspension compliance Cms	1204.876	uM/Newton
Force factor Bl	3.794	Tm
Maximum linear displacement Xmax[5]	1	mm
MECHANICAL DATA		
Voice coil carrier material	aluminium	
Voice coil diameter	19.2	mm
Winding height of voice coil	4.3	mm
Yoke diameter	18	mm
Air gap height	3.5	mm
Magnet external diameter	60	mm
Magnet internal diameter	26	mm
Magnet height	13	mm
Compensating magnet external diameter	60	mm
Compensating magnet internal diameter	26	mm
Compensating magnet height	13	mm
Weight	0.7	kg

1) DIN IEC 268-5, closed box 5 dm3
2) CSN IEC 268-5, closed box 5 dm3
3) CSN IEC 286-5, standard box, 1W, 1 m, 50 - 4000 Hz
4) ±10 Hz
5) Peak - peak

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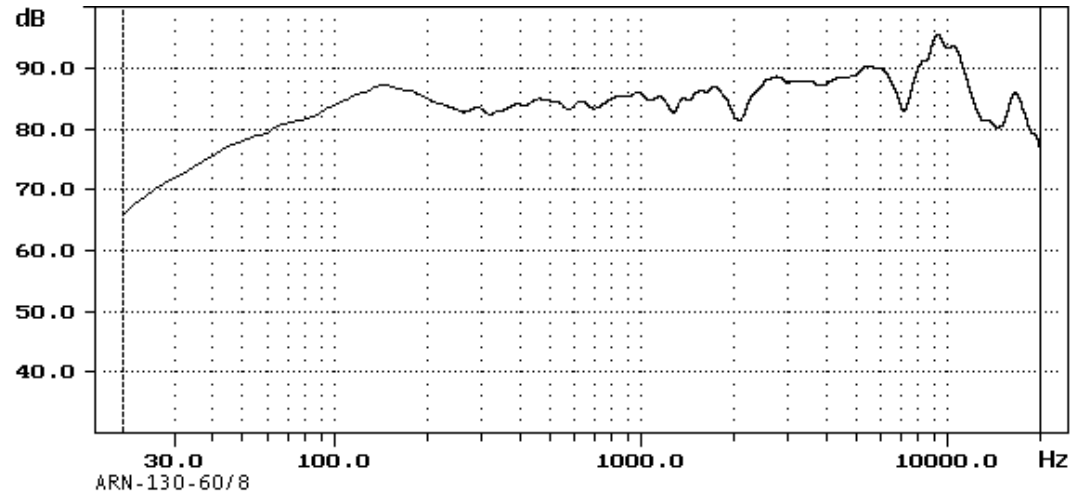
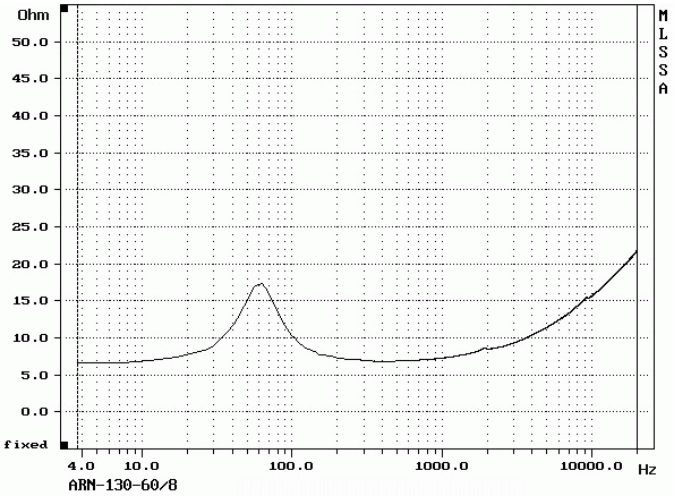
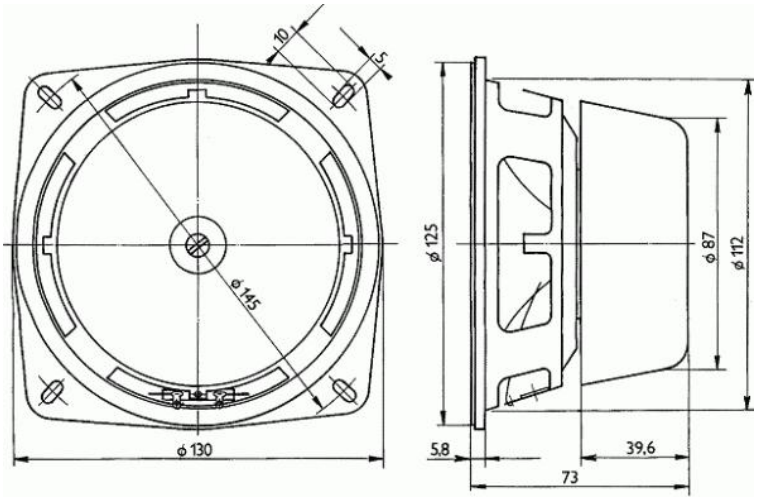
Frequency response



Impedance Magnitude



Drawing



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