Woofer
ARN-188-05/8

Woofer for HiFi loudspeaker systems. It differs from type ARN-188-03 in coatinf of cone into the spiral.

ACOUSTICAL DATA		
Rated noise power [1]	60	W
Short term maximum power [2]	120	W
Rated impedance	8	Ohm
Resonance frequency Fs [4]	40.000	Hz
Rated frequency range	40 - 4000	Hz
Sensitivity [3]	85	dB
TS PARAMETERS		
Acquired by MLSSA	-	
Effective piston area Sd	134.780	cm^2
DC resistance of voice coil Re	7.307	Ohm
Mechanical Q factor Qms	4.292	
Electrical Q factor Qes	0.693	
Total Q factor Qts	0.596	
Voice coil inductance Le	0.567	
Equivalent volume Vas	29.579	l
Moving mass (including air load) Mms	11.501	g
Suspension compliance Cms	1159.300	uM/Newton
Force factor Bl	5.765	Tm
Maximum linear displacement Xmax[5]	7	mm
MECHANICAL DATA		
Voice coil carrier material	aluminium	
Voice coil diameter	25.4	mm
Winding height of voice coil	13	mm
Yoke diameter	25	mm
Air gap height	5	mm
Magnet external diameter	82	mm
Magnet internal diameter	33	mm
Magnet height	17	mm
Compensating magnet external diameter	-	mm
Compensating magnet internal diameter	-	mm
Compensating magnet height	-	mm
Weight	1	kg

1) DIN CSN 268-5, closed box 10 dm3, intermittent signal 300 hoours
2) CSN IEC 268-5, closed box 10 dm3
3) CSN IEC 268-5, standard baffle, 1W, 1 m, 80 - 2000 Hz
4) ±10%
5) Peak - peak

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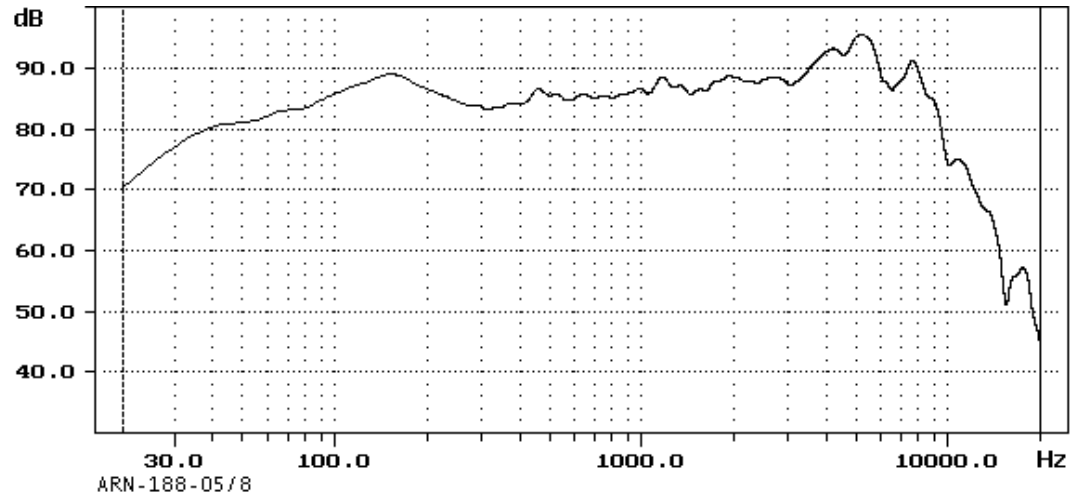
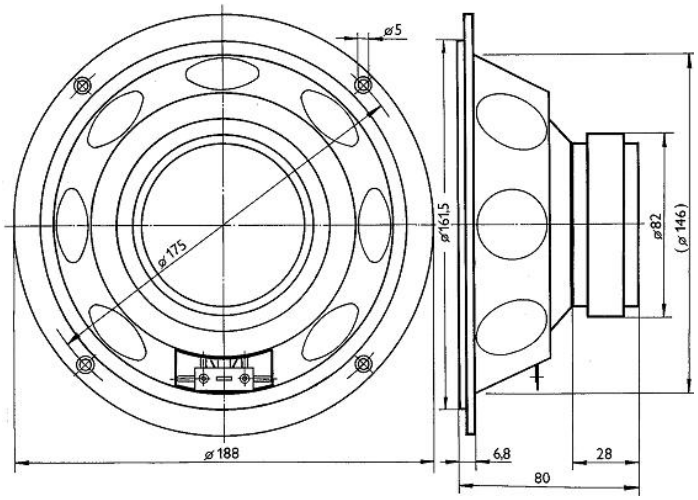
Frequency response



Drawing



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