



Woofer ARN-150-60/8

Woofer with shielded magnetic circuit for use mainly in loudspeakers systems which are expected to be 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 F_s ⁴⁾	55.000	Hz
Rated frequency range	50 - 15 000	Hz
Sensitivity ³⁾	87	dB

TS PARAMETERS

Acquired by MLSSA	D-0-10	
Effective piston area S_d	76.980	cm ²
DC resistance of voice coil R_e	6.338	Ohm
Mechanical Q factor Q_{ms}	2.408	
Electrical Q factor Q_{es}	1.243	
Total Q factor Q_{ts}	0.820	
Voice coil inductance L_e	0.216	
Equivalent volume V_{as}	13.385	l
Moving mass (including air load) M_{ms}	5.196	g
Suspension compliance C_{ms}	1608.303	uM/Newton
Force factor Bl	3.028	Tm
Maximum linear displacement X_{max} ⁵⁾	1	mm

MECHANICAL DATA

Voice coil carrier material	aluminium	
Voice coil diameter	19.2	mm
Winding height of voice coil	5.5	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	0.75	kg

1) DIN IEC 268-5, closed box 5 dm³

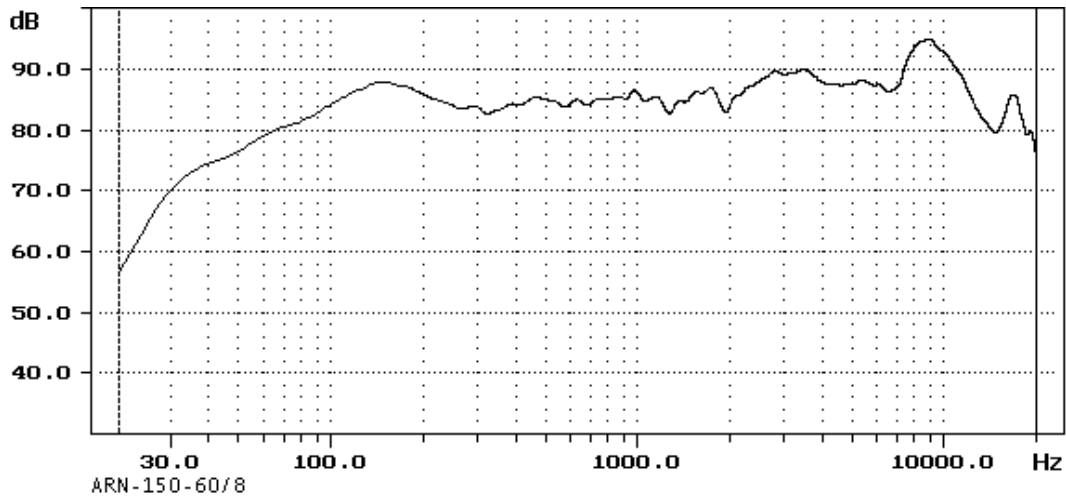
2) CSN IEC 268-5, closed box 5 dm³

3) CSN IEC 268-5, standard box, 1W, 1 m, 250 - 4000 Hz

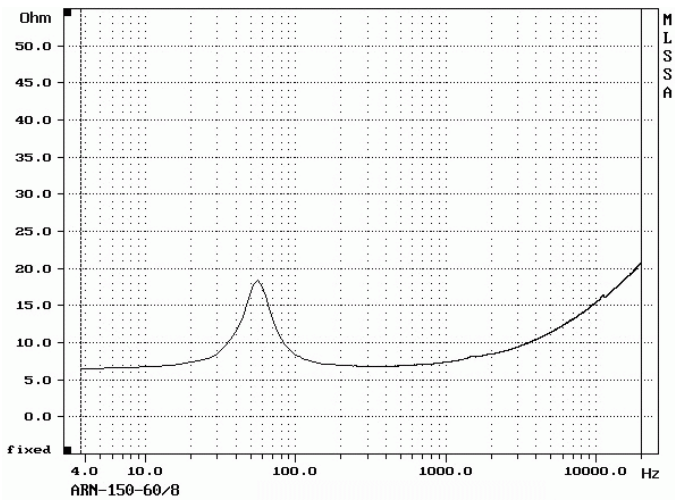
4) ±10 Hz

5) Peak - peak

Frequency response



Impedance Magnitude



Drawing

