



Woofer ARN-226-03/8

Woofer for HiFi loudspeaker systems. It differs from type ARN-226-02 in coating of cone.

ACOUSTICAL DATA

Rated noise power ¹⁾	70	W
Short term maximum power ²⁾	140	W
Rated impedance	8	Ohm
Resonance frequency F_s ⁴⁾	30.000	Hz
Rated frequency range	30 - 3000	Hz
Sensitivity ³⁾	86	dB

TS PARAMETERS

Acquired by MLSSA	D-0-10	
Effective piston area S_d	216.420	cm ²
DC resistance of voice coil R_e	7.382	Ohm
Mechanical Q factor Q_{ms}	4.980	
Electrical Q factor Q_{es}	0.883	
Total Q factor Q_{ts}	0.750	
Voice coil inductance L_e	0.923	
Equivalent volume V_{as}	72.045	l
Moving mass (including air load) M_{ms}	19.931	g
Suspension compliance C_{ms}	1095.141	uM/Newton
Force factor Bl	5.972	Tm
Maximum linear displacement X_{max} ⁵⁾	6.4	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	32	mm
Magnet height	15	mm
Compensating magnet external diameter	-	mm
Compensating magnet internal diameter	-	mm
Compensating magnet height	-	mm
Weight	1.1	kg

1) DIN CSN 268-5, closed box 20 dm³

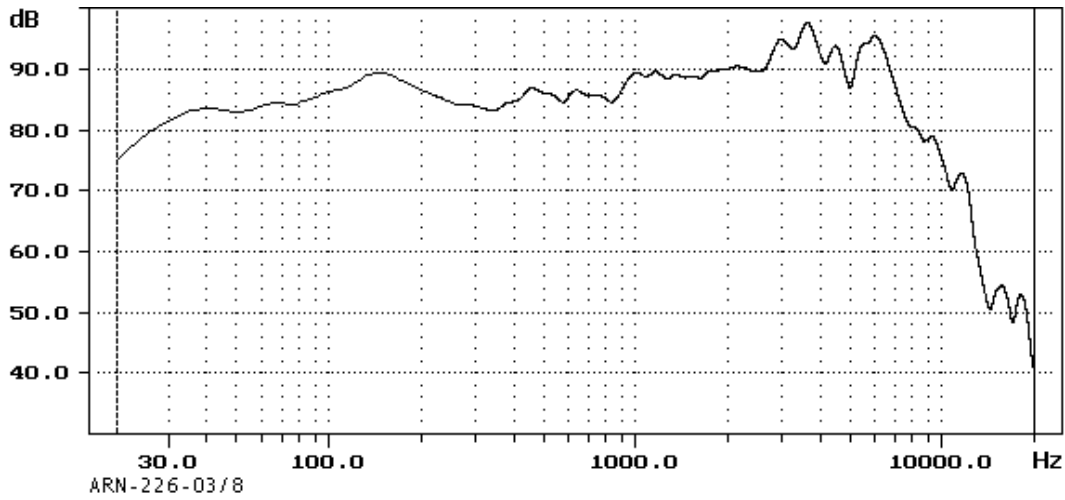
2) CSN IEC 268-5, closed box 20 dm³

3) CSN IEC 268-5, standard baffle, 1W, 1 m, 200 - 3000 Hz

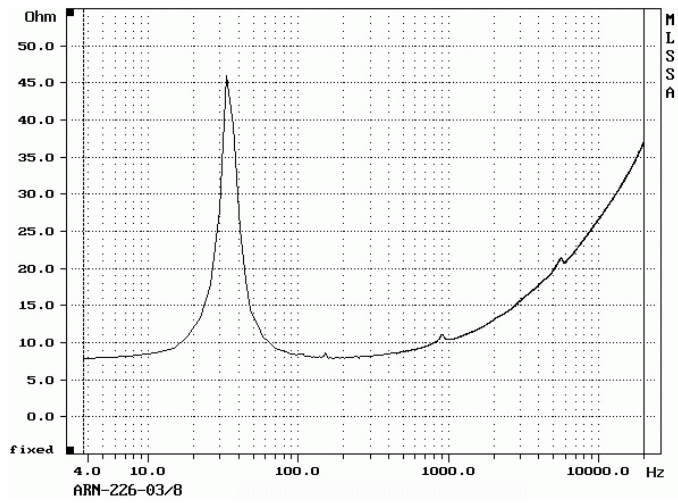
4) ±10%

5) Peak - peak

Frequency response



Impedance Magnitude



Drawing

