



Woofer ARN-226-07/8

Woofer used in loudspeaker systems by TVM. The paper cone has a spiral coating, the magnet system comprises two ferrite rings.

ACOUSTICAL DATA

Rated noise power ¹⁾	70	W
Short term maximum power ²⁾	140	W
Rated impedance	8	Ohm
Resonance frequency F_s ⁴⁾	33.000	Hz
Rated frequency range	30 - 3000	Hz
Sensitivity ³⁾	88	dB

TS PARAMETERS

Acquired by MLSSA	-	
Effective piston area S_d	219.040	cm ²
DC resistance of voice coil R_e	7.442	Ohm
Mechanical Q factor Q_{ms}	4.391	
Electrical Q factor Q_{es}	0.660	
Total Q factor Q_{ts}	0.574	
Voice coil inductance L_e	0.879	
Equivalent volume V_{as}	73.004	l
Moving mass (including air load) M_{ms}	18.936	g
Suspension compliance C_{ms}	1083.385	uM/Newton
Force factor Bl	6.864	Tm
Maximum linear displacement X_{max} 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	82	mm
Compensating magnet internal diameter	33	mm
Compensating magnet height	17	mm
Weight	1.4	kg

1) DIN IEC 268-5, closed box 20 dm³

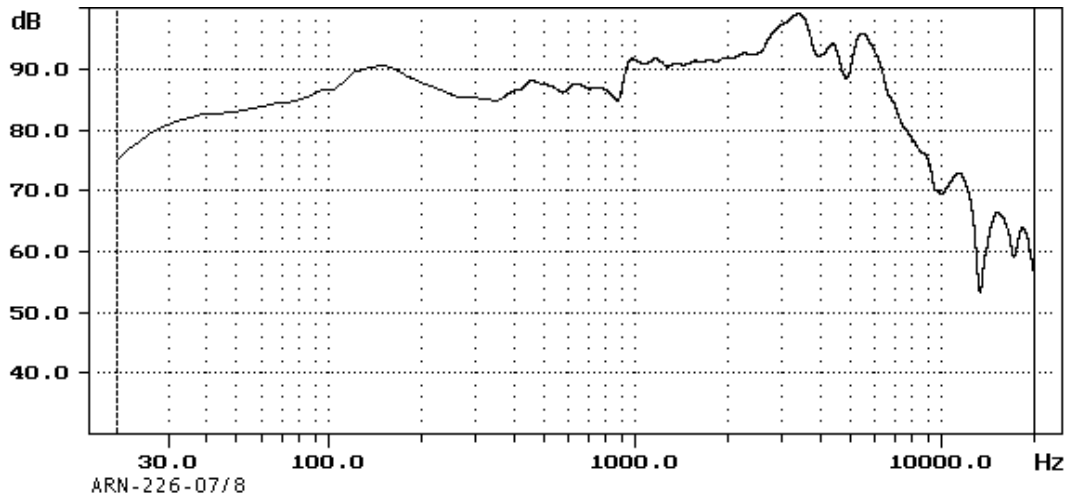
2) CSN IEC 268-5, closed box 20 dm³

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

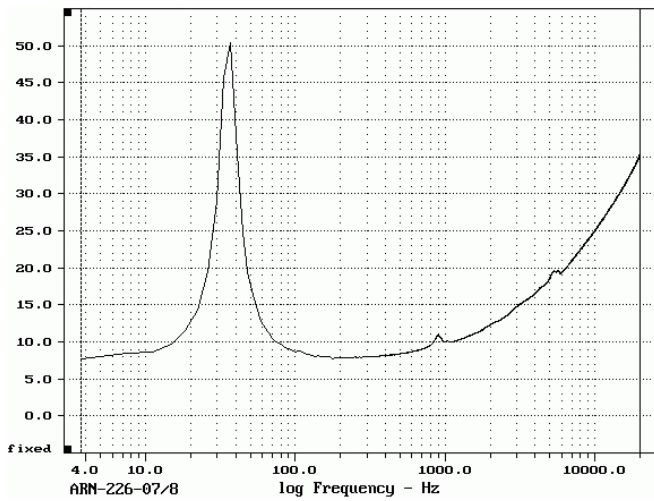
4) ±10%

5) Peak - peak

Frequency response



Impedance Magnitude



Drawing

