



Widerange ARZ 6604

A direct-radiator electrodynamic loudspeaker with a high-cone for use in products of consumer electronics to transmit the whole band of audible frequencies.

ACOUSTICAL DATA

Rated noise power ¹⁾	30	W
Short term maximum power ²⁾	90	W
Rated impedance	4	Ohm
Resonance frequency F_s ⁴⁾	75.000	Hz
Rated frequency range	60 - 20000	Hz
Sensitivity ³⁾	91	dB

TS PARAMETERS

Acquired by MLSSA	-	
Effective piston area S_d	188.690	cm ²
DC resistance of voice coil R_e	3.541	Ohm
Mechanical Q factor Q_{ms}	3.755	
Electrical Q factor Q_{es}	1.256	
Total Q factor Q_{ts}	0.941	
Voice coil inductance L_e	0.249	
Equivalent volume V_{as}	21.120	l
Moving mass (including air load) M_{ms}	8.702	g
Suspension compliance C_{ms}	422.335	uM/Newton
Force factor Bl	3.577	Tm
Maximum linear displacement X_{max} ⁵⁾	1.7	mm

MECHANICAL DATA

Voice coil carrier material	aluminium	
Voice coil diameter	25.4	mm
Winding height of voice coil	6.2	mm
Yoke diameter	25	mm
Air gap height	4.5	mm
Magnet external diameter	72	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	0.84	kg

1) DIN IEC 268-5, without baffle

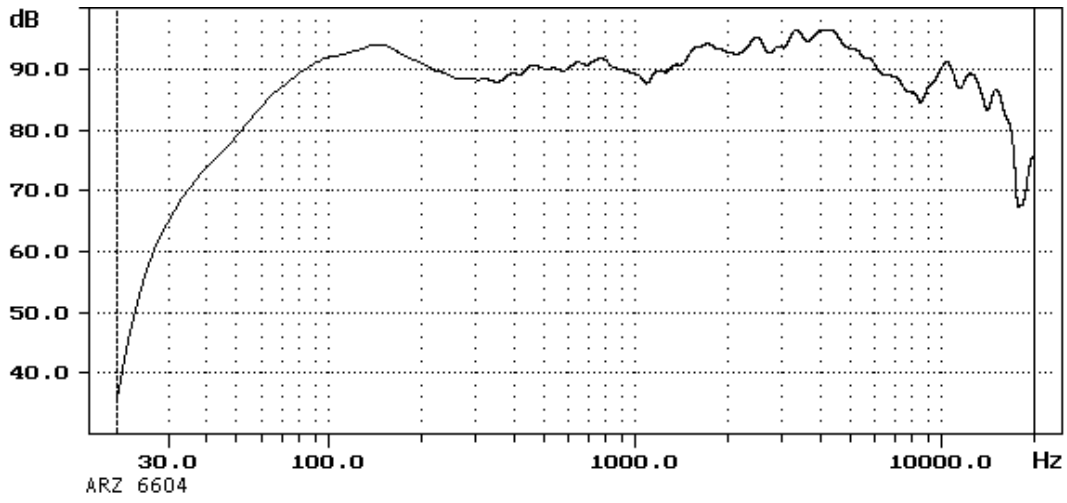
2) CSN IEC 268-5, without baffle

3) CSN IEC 268-5, standard baffle. 1W, 1 m, 200 - 10000 Hz

4) -20 Hz +15 Hz

5) Peak - peak

Frequency response



Drawing

