

Type: 176 WR 26 81 CD TV 4Ω 830344

Thiele Small parameters:

		Free air	Common	Baffled
Nominal impedance	Zn (Ω)		4	
Minimum impedance/at freq.	Zmin (Ω/Hz)		3.7 / 290	
Maximum impedance	Zo (Ω)		19.2	
Dc resistance	Re (Ω)		3.4	
Voice coil inductance	Le (mH)		0.6	
Capacitor in series with 4 Ω (for impedance compensation)	Cc (μF)		23	
Resonance Frequency	fs (Hz)	46.0		44.3
Mechanical Q factor	Qms	2.21		2.30
Electrical Q factor	Qes	0.48		0.50
Total Q factor	Qts	0.39		0.41
F (Ratio fs/Qts)	F (Hz)			109
Mechanical resistance	Rms (Kg/s)		1.99	
Moving mass	Mms (g)	15.3		16.5
Suspension compliance	Cms (mm/N)		0.79	
Effective cone diameter	D (cm)		13.5	
Effective piston area	Sd (cm ²)		143	
Equivalent volume	Vas (ltrs)		22.2	
Force factor	Bl (N/A)		5.6	
Reference voltage sensitivity	(dB)			90.9
Re 2.83V 1m at 290 Hz (Calculated)				

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	10
Voice coil layers	n	2
Flux density in gap	B (T)	1.17
Total useful flux	(mWb)	0.77
Height of the gap	hg (mm)	6
Diameter of magnet	dm (mm)	81+72
Height of magnet	hm (mm)	15+12
Weight of magnet	(kg)	.32+.18

Power handling

Longterm Max System Power (IEC) (W) 110

A noise signal simulating normal programme material with a crest factor of 6dB (IEC 268-5) is used in Longterm Power and Lin. SPL tests. Frequency range for test signal (HZ) 20-5000

