

Type:

126 WR 26 81 CD 4Ω

830341

Thiele Small parameters:

		Free air	Common	Baffled
Nominal impedance	Zn (Ω)		4	
Minimum impedance/at freq.	Zmin (Ω/Hz)		3.7 / 299	
Maximum impedance	Zo (Ω)		24.4	
Dc resistance	Re (Ω)		3.4	
Voice coil inductance	Le (mH)		0.7	
Capacitor in series with 4 Ω (for impedance compensation)	Cc (μF)		24	
Resonance Frequency	fs (Hz)	58.0		56.9
Mechanical Q factor	Qms	3.15		3.21
Electrical Q factor	Qes	0.50		0.51
Total Q factor	Qts	0.43		0.44
F (Ratio fs/Qts)	F (Hz)			128
Mechanical resistance	Rms (Kg/s)		1.13	
Moving mass	Mms (g)	9.7		10.1
Suspension compliance	Cms (mm/N)		0.77	
Effective cone diameter	D (cm)		10.8	
Effective piston area	Sd (cm²)		91	
Equivalent volume	Vas (ltrs)		8.9	
Force factor	Bl (N/A)		4.9	
Reference voltage sensitivity	(dB)			90.0
Re 2.83V 1m at 299 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)	1.02
Total useful flux	(mWb)	0.70
Height of the gap	hg (mm)	6
Diameter of magnet	dm (mm)	81
Height of magnet	hm (mm)	15
Weight of magnet	(kg)	0.32

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

