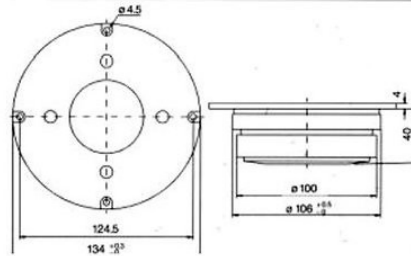


821694

134 DM 51 100 PF FF 8Ω



A 2" dome midrange with plastic dome and ferrofluid in the airgap. It has not only a smooth frequency response and very good spatial dispersion but the ferrofluid damps the resonance in the impedance so that the filter can be made very simple often a simple capacitor is enough.

Thiele Small parameters:

Nominal impedance	Znom (Ω):	8.0
Minimum impedance/at freq.	Zmin (Ω/Hz):	7.1/1055
Maximum impedance	Zo (Ω):	11.9
Dc resistance	Re (Ω):	5.6
Voice coil inductance	Le (mH):	0.3
Resonance frequency	fs (Hz):	504
Mechanical Q factor	Qms :	1.33
Electrical Q factor	Qes :	1.18
Total Q factor	Qts :	0.62
Mechanical resistance	Rms (kg/s):	6.57
Moving mass	Mms (g):	2.76
Suspension compliance	Cms (mm/N):	0.04
Effective cone diameter	D (cm):	5.4
Effective piston area	Sd (cm ²):	22.9
Force factor	BL (N/A):	6.4
Reference Voltage Sensitivity	(dB):	90.0
Re 2.83V 1m at 1055 Hz		

Magnet and voice coil parameters:

Voice coil diameter	d (mm):	51
Voice coil length	h (mm):	5.0
Voice coil layers	n :	2
Flux density in gap	B (T):	1
Total useful flux	Φ (mWb):	0.7
Height of the gap	hg (mm):	4
Diameter of magnet	dm (mm):	100
Height of magnet	hm (mm):	15
Weight of magnet	(kg):	0.47

Power handling:

Longterm Max System Power (IEC)	(W):	250
Max linear SPL (rms)/by power	(dB/W):	109/115
Frequency range for test signal:		1000-5000 Hz

Normal programme material signal with a crest factor of 6dB (IEC 268-5) is used in both tests

