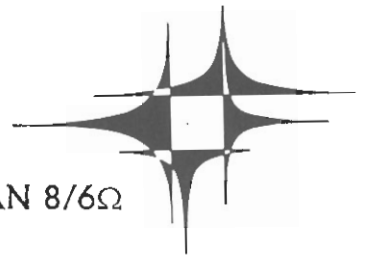


Nomex 140

830377 140 WR 26 72 SADN CAN 8/6Ω



Thiele Small parameters:

		Free air	Common	Baffled
Nominal impedance	Zn (Ω)		8	
Minimum impedance/at freq.	Zmin (Ω/Hz)		6.3 / 345	
Maximum impedance	Zo (Ω)		37.9	
Dc resistance	Re (Ω)		5.7	
Voice coil inductance	Le (mH)		1.1	
Capacitor in series with 8 Ω (for impedance compensation)	Cc (μF)		8	
Resonance Frequency	fs (Hz)	55.8		54.4
Mechanical Q factor	Qms	2.23		2.29
Electrical Q factor	Qes	0.39		0.40
Total Q factor	Qts	0.33		0.34
F (Ratio fs/Qts)	F (Hz)			159
Mechanical resistance	Rms (Kg/s)		1.27	
Moving mass	Mms (g)	8.1		8.5
Suspension compliance	Cms (mm/N)		1.01	
Effective cone diameter	D (cm)		10.8	
Effective piston area	Sd (cm ²)		91	
Equivalent volume	Vas (ltrs)		11.6	
Force factor	Bl (N/A)		6.4	
Reference voltage sensitivity Re 2.83V 1m at 345 Hz (Calculated)	(dB)			89.3

Magnet and voice coil parameters:

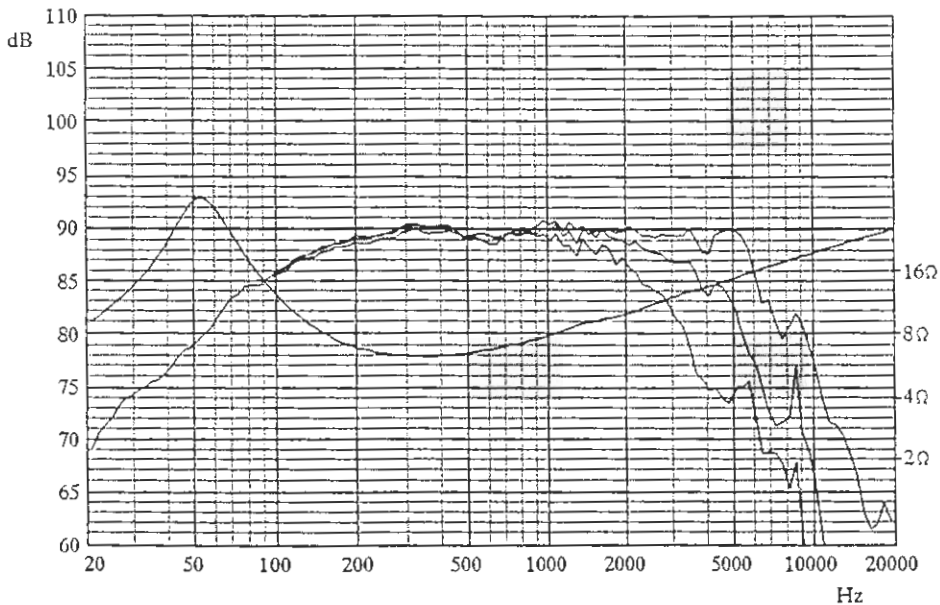
Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	10
Voice coil layers	n	2
Flux density in gap	B (T)	1.06
Total useful flux	(mWb)	0.69
Height of the gap	hg (mm)	6
Diameter of magnet	dm (mm)	72+72
Height of magnet	hm (mm)	15+10
Weight of magnet	(kg)	.23+.10

PRELIMINARY
DATA

Power handling

Longterm Max System Power (IEC) (W) 100

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



Measuring methods and conditions are stated in Peerless Standard for Acoustic Measurements (PSAM).