

105 DT 26 72 SF FF 8Ω

812774

High-end dome tweeter with ferrofluid. Except for this it is in all other respects identical to 812687. This results in a speaker with even lower difference tone distortion, a damped resonance peak in the impedance and a very high power handling. We recommend this unit for use in any system where a high-end tweeter is required.

DT 105

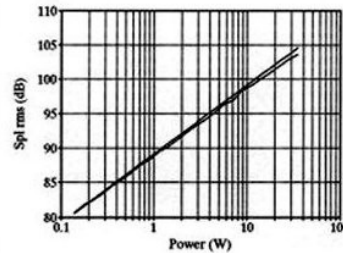
Thiele Small parameters:

Nominal impedance	Zn (Ω)	8
Minimum impedance/at freq.	Zmin (Ω/Hz)	5.9 / 3300
Maximum impedance	Zo (Ω)	14.9
Dc resistance	Re (Ω)	5.4
Voice coil inductance	Le (mH)	0.1
Resonance Frequency	fs (Hz)	1170
Mechanical Q factor	Qms	2.45
Electrical Q factor	Qes	1.40
Total Q factor	Qts	0.89
Mechanical resistance	Rms (Kg/s)	1.12
Moving mass	Mms (g)	0.37
Suspension compliance	Cms (mm/N)	0.05
Effective cone diameter	D (cm)	2.8
Effective piston area	Sd (cm²)	6.2
Force factor	Bl (N/A)	3.3
Reference voltage sensitivity	(dB)	90.5
Re 2.83V 1m at 3300 Hz (Measured)		

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	1.8
Voice coil layers	n	2
Flux density in gap	B (T)	1.5
Total useful flux	(mWb)	0.3
Height of the gap	hg (mm)	2.5
Diameter of magnet	dm (mm)	72
Height of magnet	hm (mm)	15
Weight of magnet	(kg)	0.24

Max linear SPL:



Power handling

Longterm Max System Power (IEC) (W) 130

