



Article number

197012

Peerless DT80H-811582

Tweeter

2002-11-14

Thiele Small parameters:

Voice coil resistance	Rdc	6.9
Voice coil inductance	Le	0.1 mH
Linear excursion	Xma	0.45 +/- mm
Impedance	Z	8 Ohm
Free air resonance	Fs	1050 Hz
Suspension compliance	Cms	0.09 mm/N
Moving mass	Mms	0.26 g
Mechanical resistance	Rms	0.24 kg/s
Mechanical Q factor	Qms	6.99
Electrical Q factor	Qes	3.73
Total Q factor	Qts	2.43
Force factor	Bl	1.8 N/A
Equivalent volume	Vas	ltrs
Sensitivity	SPL	90 dB
Frequency range		Hz
Cone area	Sd	6.2 cm ²
Cone displacement	Vd	cm ³

Dimension:

Outer diameter	80 mm
Mounting cutout	62 mm
Mounting dept	23 mm

Magnet, Cone and Voice Coil parameters:

Total weight	0.2 kg
Frame material	
Cone material	
Surround material	
Surround type	
Magnet mass	Oz
Magnet diameter	mm
Magnet flux density	Gauss
Air gap height	2.5 mm
Spider	
Voice coil former material	
Voice coil wire material	
Number of voice coil layers	st
Voice coil diameter	26 mm
Voice coil winding height	1.6 mm
Vented voice coil	

Power handling:

Power handling IEC	90 Watt
Power handling DIN	Watt
Power handling RMS	Watt
Power handling MAX	Watt

Recommended enclosure:

Net volume	Number of ports	Port diameter	Port length	Tuning Freq. Fb	- 6 dB