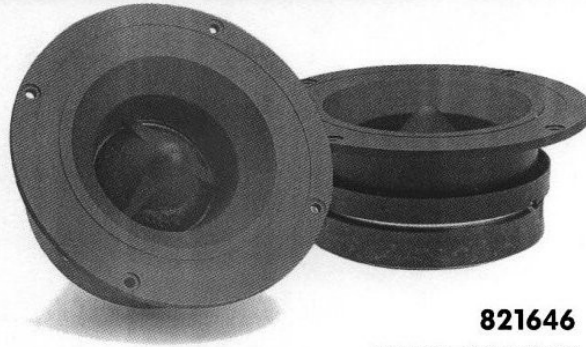


Peerless

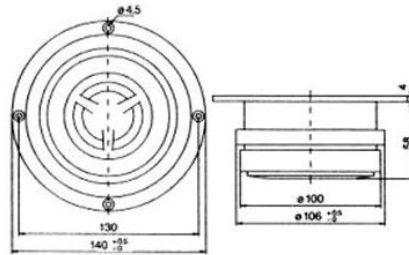


2" MIDRANGE



821646

140 HDM 51 100 SF 8Ω



Horn midrange speaker with a moderate horn giving no typical "horn sound" and no extreme directivity. Therefore it can be used even in a normal hi-fi system where high sensitivity is requested, however, the main application is in systems for rock music.

Thiele Small parameters:		Magnet and voice coil parameters:		
Nominal impedance	Znom (Ω): 8.0	Voice coil diameter	d (mm): 51	
Minimum impedance/at freq.	Zmin (Ω/Hz): 6.4/1050	Voice coil length	h (mm): 5.0	
Maximum impedance	Zo (Ω): 42.7	Voice coil layers	n : 2	
Dc resistance	Re (Ω): 5.6	Flux density in gap	B (T): 1.0	
Voice coil inductance	Le (mH): 0.3	Total useful flux	Φ (mWb): 0.7	
Resonance frequency	fs (Hz): 454	Height of the gap	hg (mm): 4.0	
Mechanical Q factor	Qms :	8.11	Diameter of magnet	dm (mm): 100
Electrical Q factor	Qes :	1.23	Height of magnet	hm (mm): 15
Total Q factor	Qts :	1.07	Weight of magnet	(kg): 0.47
Mechanical resistance	Rms (kg/s): 0.92			
Moving mass	Mms (g): 2.61	Power handling:		
Suspension compliance	Cms (mm/N): 0.05	Longterm Max System Power (IEC)	(W): 200	
Effective cone diameter	D (cm): 5.4	Max linear SPL (rms)/by power	(dB/W): 110/65	
Effective piston area	Sd (cm²): 22.9	Frequency range for test signal:	1000-5000 Hz	
Force factor	BL (N/A): 5.8			
Reference Voltage Sensitivity	(dB): 93.0			
Re 2.83V 1m at 1050 Hz		Nominal programme material signal with a crest factor of 6dB (IEC 268-5) is used in both tests		

