TYMPHANY LAT

LAT700-04

Electrical Data			
Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.7	ohm
Maximum impedance	Zo	25	ohm
DC resistance	Re	3.6	ohm
Voice coil inductance	Le	4	mH
Capacitor in series with x ohm	Cc	--	uF
T-S Parameters			
Resonance Frequency	fs	24	Hz
Mechanical Q factor	Qms	3.5	
Electrical Q factor	Qes	0.65	
Total Q factor	Qts	0.55	
Force factor	Bl	18	Tm
Mechanical resistance	Rms	16	Kg/s
Moving mass	Mms	380	g
Suspension compliance	Cms	0.12	mm/N
Effective cone diameter	D	--	cm
Effective piston area	Sd	820	cm^2
Equivalent volume	Vas	110	ltrs
Sensitivity (2.83V/1m)		89	dB
Ratio BL/√(Re)		9.5	
Ratio fs/Qts	F	44	

Power handling		
100h RMS noise test (IEC)	--	W
Long-term Max Power (IEC 18.3)	--	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power (IEC 18.2)	--	W
Voice Coil and Magnet Parameters		
Voice coil diameter	50	mm
Voice coil height	26	mm
Voice coil layers	4	
Height of the gap	10	mm
Linear excursion +/-	8	mm
Max mech. excursion +/-	16	mm
Flux density of gap	--	mWb
Total useful flux	--	mWb
Diameter of magnet	--	mm
Height of magnet	--	mm
Weight of magnet	--	Kg

Notes:
IEC specs refer to IEC 60268-5 third edition.
All Tymphany products are RoHS compliant.