

Electrical Data

Nominal impedance	Zn	2	ohm
Minimum impedance	Zmin	2.1	ohm
Maximum impedance	Zo	8.4	ohm
DC resistance	Re	2	ohm
Voice coil inductance	Le	0.28	mH
Capacitor in series with x ohm	Cc	--	uF

T-S Parameters

Resonance Frequency	fs	60	Hz
Mechanical Q factor	Qms	3.4	
Electrical Q factor	Qes	1	
Total Q factor	Qts	0.79	
Force factor	Bl	5.6	Tm
Mechanical resistance	Rms	4.9	Kg/s
Moving mass	Mms	44	g
Suspension compliance	Cms	0.16	mm/N
Effective cone diameter	D	15.0	cm
Effective piston area	Sd	196	cm ²
Equivalent volume	Vas	8.9	ltrs
Sensitivity (2.83V/1m)		90.5	dB
Sensitivity (1W/1m)		84.5	dB
Ratio BL/√(Re)		4	
Ratio fs/Qts	F	76	

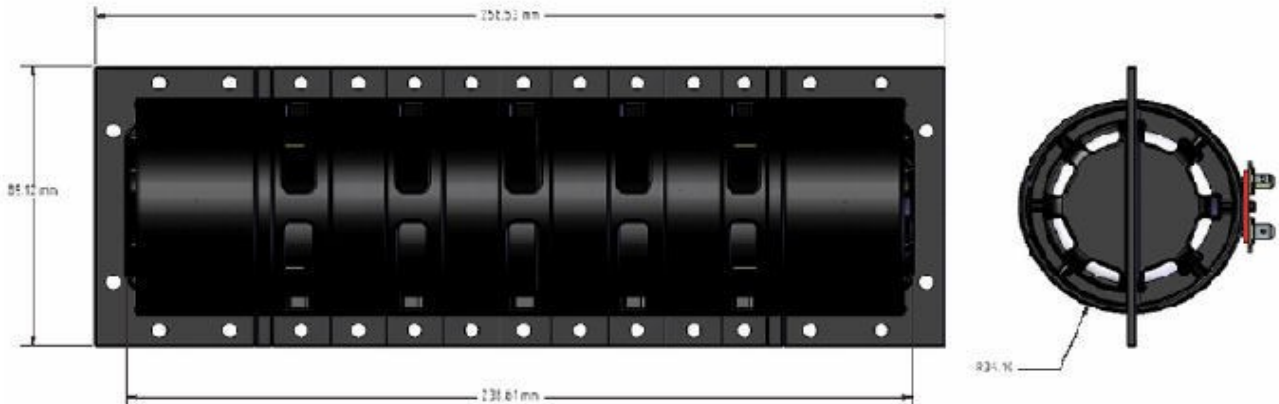
Power handling

Rated Noise Power (IEC 18.1)	100	W
Long term Max Power (IEC 18.3)	--	W
Short Term Max power (IEC 18.2)	--	W

Misc. Parameters

Effective Frequency range (IEC 21.2)	50-300	Hz
Performance Temp. range (IEC 25.1.1)	--	°C
Damage Temp. range (IEC 25.1.2)	--	°C
Relative Humidity Range (IEC 25.2.1)	--	%
Damage Humidity Range (IEC 25.2.2)	--	%
Frame dimensions	260x90	mm
Total Mass	845	grams
Frequency at ka=2	1518	Hz

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



NOTE:
FLANGE WIDTH CAN BE MODIFIED FOR MOUNTING

