

## 15" Woofer



Type Number: 830671

### Features:

Driver Highlights: Coated paper cone, 76 mm voice coil.



### Specs:

#### Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	4.3	ohm
Maximum impedance	Zo	94.5	ohm
DC resistance	Re	3.6	ohm
Voice coil inductance	Le	2	mH
Capacitor in series with x ohm	Cc	138	uF

#### T-S Parameters

Resonance Frequency	fs	40.4	Hz
Mechanical Q factor	Qms	7.95	
Electrical Q factor	Qes	0.32	
Total Q factor	Qts	0.3	
Force factor	Bl	17.5	Tm
Mechanical resistance	Rms	3.37	Kg/s
Moving mass	Mms	105.7	g
Suspension compliance	Cms	0.15	mm/N
Effective cone diameter	D	33.8	cm
Effective piston area	Sd	897	cm <sup>2</sup>
Equivalent volume	Vas	163.3	ltrs
Sensitivity (2.83V/1m)		--	dB
Ratio BL/√(Re)		--	
Ratio fs/Qts	F	133	

#### Power handling

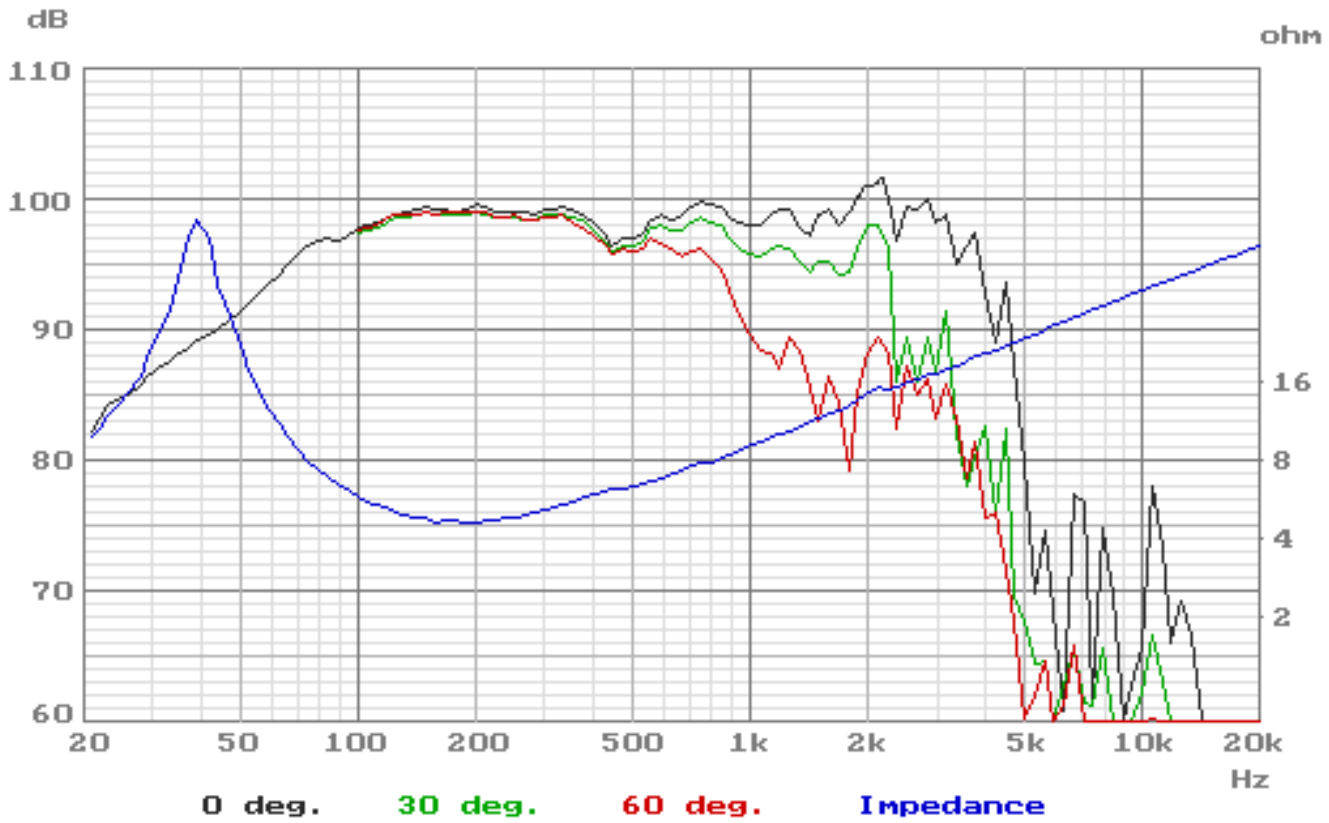
100h RMS noise test (IEC)	--	W
Long-term Max Power (IEC 18.3)	--	W
Max linear SPL (rms) @ power	--	dB/W
Short Term Max power (IEC 18.2)	--	W

#### Voice Coil and Magnet Parameters

Voice coil diameter	76	mm
Voice coil height	16	mm
Voice coil layers	2	
Height of the gap	7	mm
Linear excursion +/-	--	mm
Max mech. excursion +/-	--	mm
Flux density of gap	--	mWb
Total useful flux	--	mWb
Diameter of magnet	190	mm
Height of magnet	20	mm
Weight of magnet	--	Kg

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

Frequency: 830671



Mechanical Dimensions:830671

