

**Model: RS-YS15 D2\_D4**

**15 INCH CAR SUBWOOFER**



**SPECIFICATIONS**

General Data		Unit	FEATURES
Overall Dimensions	Ø390 x 201	mm	Cast Aluminium Basket
Nominal Power Handling	1000	W	Reinforced Pulp Paper Cone With Stitching, High Density Foam Surround
Maximum Power	3000	W	Polypropylene Dust Cap
Sensitivity	88	dB	High Temperature 4 Layer Black Aluminium Voice Coil
Frequency Response	30~1000	Hz	High Performance Ferrite Magnet Structure
Cone Material	Reinforced Pulp Paper Cone		<b>Dimensions</b>
Basket	Steel		
Net Weight	10.94	kg	
<b>Electrical Data</b>			
Nominal Impedance	2x2 / 2x4	Ohm	
DC Resistance	2x1.8 / 2x3.2	Ohm	
<b>Voice Coil and Magnet Parameters</b>			
Voice Coil Diameter	63.8	mm	
Voice Coil Height	40	mm	
Magnetic Gap Height	12	mm	
Voice Coil Robbin	Black Aluminium		
Number of Layers	4		
<b>T-S Parameters</b>			
Suspension Compliance	84.737 / 100.182 µM/N	Cms	
Mechanical Q Factor	4.545 / 5.181	Qms	
Electrical Q Factor	0.333 / 0.475	Qes	
Total Q Factor	0.310 / 0.435	Qts	
Moving Mass	356.898 / 273	Mms	
Eq. Cas AIR Loaded	60.060 / 66.390L	Vas	
Resonant Frequency	28.941 / 30.433HZ	Fs	
Effective Piston Area	706.5cm <sup>2</sup>	SD	

ESC End      D A A S Frequency Response

Distance Loudsp.- Mic.: 26.4cm dB SPL normalised on 1 Meter      MO: RS-YS15

dB SPL / 1.0M/m

30 50 100 200 300 500 1k 2k 3k 5k 10k 20kHz

Press F12 for combined Quick Repeat