

**Model: RS-HK15 S4\_D4**

**15 INCH CAR SUBWOOFER**



**SPECIFICATIONS**

General Data			Unit	FEATURES
Overall Dimensions	Ø395 x 177	mm	Stamp Steel Basket	
Nominal Power Handling	500	W	Paper Cone With Stitching, Butyl Rubber Surround	
Maximum Power	1000	W	Polypropylene Dust Cap	
Sensitivity	90	dB	High Temperature 4 Layer Aluminium Voice Coil	
Frequency Response	30~1000	Hz	High Performance Ferrite Magnet Structure	
Cone Material	Paper			
Basket	Steel			
Net Weight	6.76	kg		
<b>Electrical Data</b>				
Nominal Impedance	4 / 2x4	Ohm		
DC Resistance	3.2 / 2x3.2	Ohm		
<b>Voice Coil and Magnet Parameters</b>				
Voice Coil Diameter	50.95	mm		
Voice Coil Height	28	mm		
Magnetic Gap Height	10	mm		
Voice Coil Robbin	Aluminium			
Number of Layers	4			
<b>T-S Parameters</b>				
Suspension Compliance	124.89 / 155.755 $\mu$ M/N	Cms		
Mechanical Q Factor	3.952 / 3.846	Qms		
Electrical Q Factor	0.481 / 0.582	Qes		
Total Q Factor	0.429 / 0.505	Qts		
Moving Mass	219.025 / 165.716 g	Mms		
Eq. Cas AIR Loaded	100.927 / 125.868 L	Vas		
Resonant Frequency	30.430 / 31.327Hz	Fs		
Effective Piston Area	754.385cm <sup>2</sup>	SD		

**Dimensions**

Ø395/15.55"

160/6.30"

Ø352/13.86"

177/6.97"

160/6.30"

ESC End      D A S Frequency Response

Distance Loudsp.- Mic.: 28.6cm dB SPL normalised on 1 Meter      MO: RS-HK15

dB SPL / 1.0H/m

30 40 50 60 70 80 90

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

Press F12 for combined Quick Repeat