



# 15FH530

15" - 500 W - 97 dB

## NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	180 mm (7.09 in)
Flange and gasket Thickness	13.1 mm (0.52 in)
<b>Net Weight</b>	<b>8.5 kg (18.7 lb)</b>
Shipping Box	430 x 427 x 236 mm
(Single Carton Box)	(16.9 x 16.8 x 9.3 in)
Shipping Weight	9.6 kg (21.2 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
AES Power Handling (1)	500 W
<b>Maximum Power Handling (4)</b>	<b>1000 W</b>
<b>Sensitivity (1W/1m)</b>	<b>97 dB</b>
Frequency Range	40÷3150 Hz
<b>Voice Coil Diameter</b>	<b>77 mm (3 in)</b>
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	22 mm (0.87 in)
<b>Magnetic Gap Depth</b>	<b>10.5 mm (0.41 in)</b>
Flux Density	1.2 T
<b>Magnet</b>	<b>Ferrite Ring</b>
Basket Material	Aluminium
Demodulation	Aluminium Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	4.1 dm <sup>3</sup> (0.145 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	39 Hz
Re	5.1 Ω
Qes	0.36
Qms	8.9
Qts	0.35
Vas	126.4 dm <sup>3</sup> (4.46 ft <sup>3</sup> )
Sd	813 cm <sup>2</sup> (126.02 in <sup>2</sup> )
Xmax (2)	9.25 mm
Xdamage (3)	16 mm
Mms	123.5 g
Bl	20.7 N/A
Le	1.1 mH
Mmd	110.7 g
Cms	0.13 mm/N
Rms	3.4 kg/s
η <sub>o</sub> (Eta Zero)	2.02 %
EBP	108 Hz

### NOTE:

- 2 Hours Test According to AES 2-1984 Rev. 2003
- Xmax = [(Winding Depth - magnetic gap depth)/2] + (magnetic gap depth / 3)
- Maximum excursion before permanent damage
- Maximum power is defined as 3dB greater than nominal power
- Treated Polycotton

