

# 15FH520

15" - 600 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	356 mm (14.02 in)
Depth	181.3 mm (7.14 in)
Flange and gasket Thickness	13.7 mm (0.54 in)
<b>Net Weight</b>	<b>4.6 kg (10.1 lb)</b>
Shipping Box	430 x 427 x 236 mm
(Single Carton Box)	(16.9 x 16.8 x 9.3 in)
Shipping Weight	5.7 kg (12.6 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	14.4 Ω
AES Power Handling (1)	600 W
<b>Maximum Power Handling (4)</b>	<b>1200 W</b>
<b>Sensitivity (1W/1m)</b>	<b>97 dB</b>
Frequency Range	40 ÷ 4000 Hz
<b>Voice Coil Diameter</b>	<b>77 mm (3 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	22 mm (0.87 in)
<b>Magnetic Gap Depth</b>	<b>12 mm (0.47 in)</b>
Flux Density	1.1 T
<b>Magnet</b>	<b>Neodymium Slug</b>
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	3.4 dm <sup>3</sup> (0.120 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	42 Hz
Re	12.7 Ω
Qes	0.65
Qms	13.5
Qts	0.62
Vas	125.8 dm <sup>3</sup> (4.44 ft <sup>3</sup> )
Sd	813 cm <sup>2</sup> (126.02 in <sup>2</sup> )
Xmax (2)	9.00 mm
Xdamage (3)	16 mm
Mms	107.2 g
Bl	23.5 N/A
Le	1.7 mH
Mmd	93.8 g
Cms	0.13 mm/N
Rms	2.09 kg/s
η <sub>o</sub> (Eta Zero)	1.43 %
EBP	65 Hz

### NOTE:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Xmax = [(Winding Depth - magnetic gap depth)/2] + (magnetic gap depth / 3)
- (3) Maximum excursion before permanent damage
- (4) Maximum power is defined as 3dB greater than nominal power
- (5) Treated Polycotton

