PROFESSIONAL LOUDSPEAKERS

15FH520

15" - 600 W - 97 dB - 4 Ohm



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)
Net Weight	**4.6 kg (10.1 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	5.7 kg (12.6 lb)

PART NUMBER

Push Terminals - 4 Ohm Version	03804183
Recone Kit - 4 Ohm Version	R3804183

TECHNICAL PARAMETERS

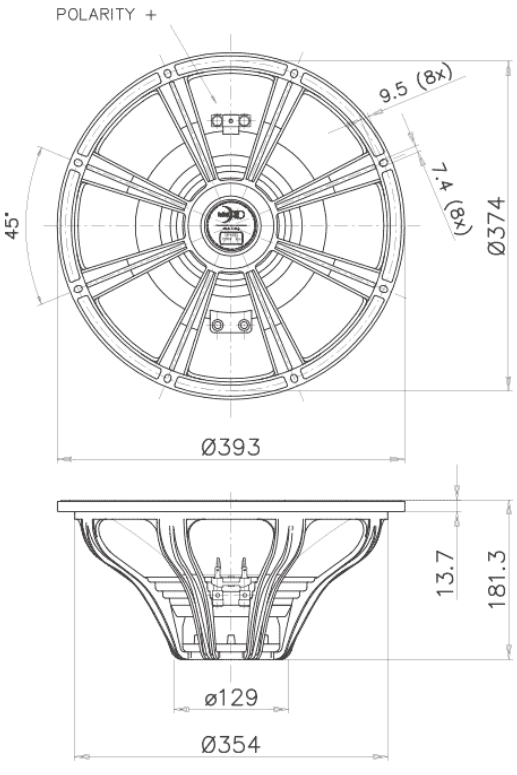
Nominal Impedance	4 Ohm
Minimum Impedance	3.2 Ohm
AES Power Handling **(1)**	600 W
Maximum Power Handling (2)	**1200 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	40÷3150 Hz
Voice Coil Diameter	**77 mm (3 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	22.3 mm (0.88 in)
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	1.1 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	3.4 dm^3 (0.120 ft^3)
Spider Profile	1x variable height waves

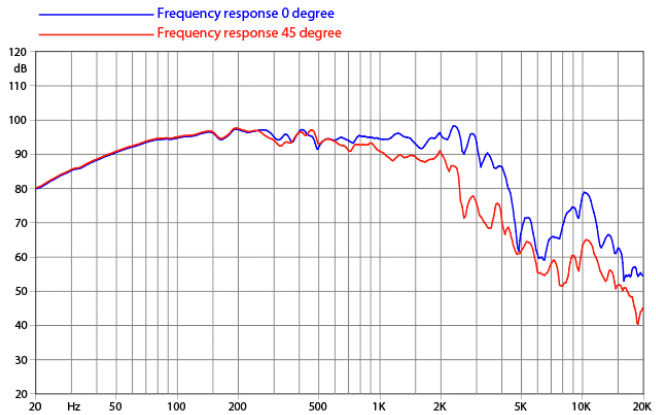
THIELE & SMALL PARAMETERS

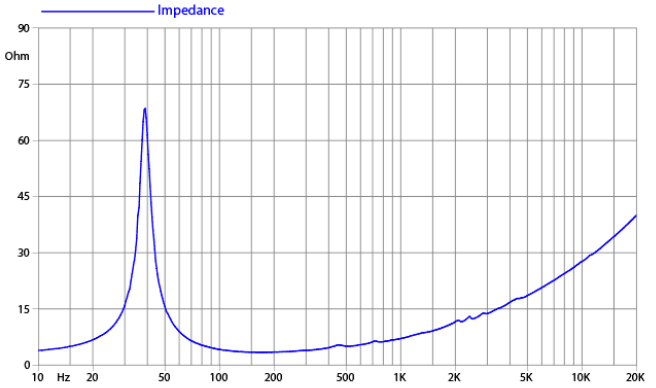
Fs	38 Hz
Re	2.7 Ohm
Qes	0.35
Qms	9
Qts	0.34
Vas	153.2 dm^3 (5.41 ft^3)
Sd	847 cm^2 (131.29 in^2)
Xmax **(4)**	9.15 mm
Xdamage **(5)**	15.6 mm
Mms	114.7 g
Bl	14.3 N/A
Le	0.68 mH
Mmd	86.8 g
Cms	0.15 mm/N
Rms	3.0 kg/s
Eta Zero	2.25 %
EBP	109 Hz

NOTES:

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







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