PROFESSIONAL LOUDSPEAKERS

15FX560

15" - 700 W - 99 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	418.4/388 mm (16.46/15.28 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.98 in)
Depth	185 mm (7.28 in)
Flange and Gasket Thickness	11.5 mm (0.45 in)
Net Weight	**7.5 kg (16.5 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	8.6 kg (19.0 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03803997
Recone Kit - 8 Ohm Version	R3803997

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.5 Ohm
AES Power Handling **(1)**	700 W
Maximum Power Handling (2)	**1400 W**
Sensitivity (1W/1m)	**99 dB**
Frequency Range	40÷4000 Hz
Voice Coil Diameter	**77 mm (3 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	23.5 mm (0.93 in)
Magnetic Gap Depth	**14 mm (0.55 in)**
Flux Density	1.1 T
Magnet	Neodymium Slug Crown
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	4.1 dm^3 (0.145 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	38 Hz
Re	5.2 Ohm
Qes	0.31
Qms	6.8
Qts	0.30
Vas	159.0 dm^3 (5.62 ft^3)
Sd	864 cm^2 (133.92 in^2)
Xmax **(4)**	9.42 mm
Xdamage **(5)**	21.8 mm
Mms	115.0 g
Bl	21.5 N/A
Le	0.64 mH
Mmd	86.3 g
Cms	0.15 mm/N
Rms	4.0 kg/s
Eta Zero	2.74 %
EBP	123 Hz

NOTES:

PATENT PENDING

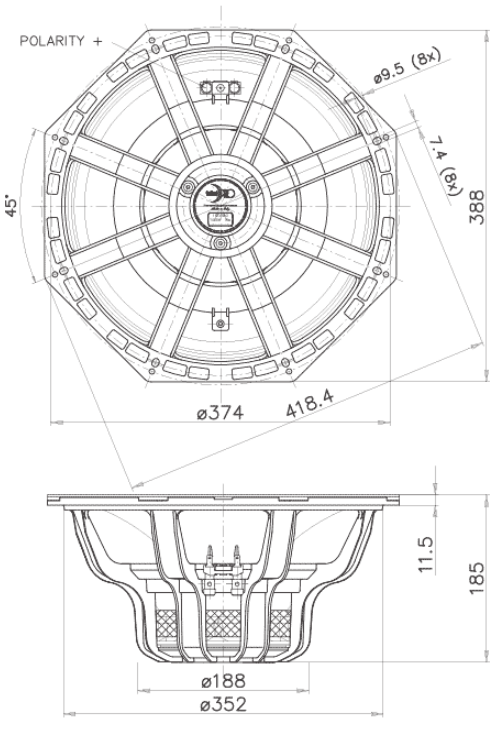
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

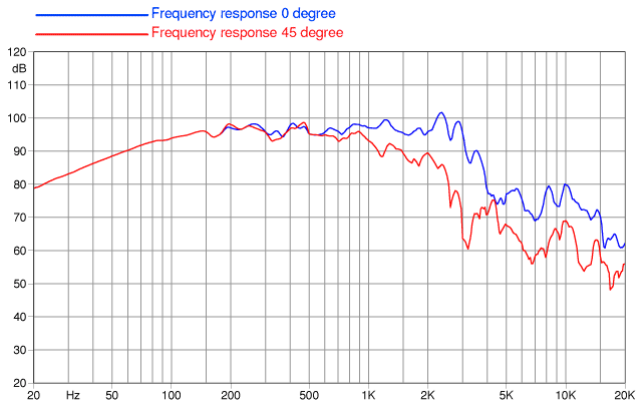
(2) Maximum power is defined as 3dB greater than nominal power.

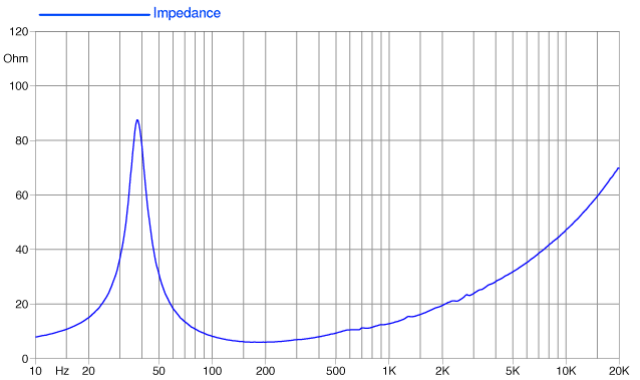
(3) Treated Polycotton

(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(5) Maximum excursion before permanent damage







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