



15FX560

15" - 700 W - 99 dB

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	430 x 427 x 236 mm
(Single Carton Box)	(16.9 x 16.8 x 9.3 in)
Shipping Weight	8.6 kg (19.0 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
AES Power Handling (1)	700 W
Maximum Power Handling (4)	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 (5)	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 Ω
Qes	0.31
Qms	6.8
Qts	0.30
Vas	143 dm ³ (5.05 ft ³)
Sd	813 cm ² (126.02 in ²)
Xmax (2)	9.42 mm
Xdamage (3)	21.8 mm
Mms	115.0 g
Bl	21.5 N/A
Le	0.64 mH
Mmd	100.7 g
Cms	0.15 mm/N
Rms	4.06 kg/s
η _o (Eta Zero)	2.47 %
EBP	123 Hz

NOTE:

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

