



15XL1400

15" - 1400 W - 96 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	217 mm (8.54 in)
Flange and gasket Thickness	14 mm (0.55 in)
Net Weight	11.8 kg (25.9 lb)
Shipping Box	422 x 417 x 264 mm
(Single Carton Box)	(16.6 x 16.4 x 10.4 in)
Shipping Weight	13.5 kg (29.8 lb)

TECHNICAL PARAMETERS

Nominal Impedance	4 Ω
Minimum Impedance	4.4 Ω
AES Power Handling (1)	1400 W
Maximum Power Handling (4)	2800 W
Sensitivity (1W/1m)	96 dB
Frequency Range	40÷2500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	31 mm (1.22 in)
Magnetic Gap Depth	15.5 mm (0.61 in)
Flux Density	0.98 T
Magnet	Neodymium Slug Crown
Basket Material	Aluminum
Demodulation	Triple Al Dem.
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	6 dm ³ (0.212 ft ³)
Spider Profile	2x non-adjacent symmetrical constant height waves

THIELE & SMALL PARAMETERS

Fs	38 Hz
Re	3 Ω
Qes	0.31
Qms	10.3
Qts	0.30
Vas	73.7 dm ³ (2.60 ft ³)
Sd	780 cm ² (120.90 in ²)
Xmax (2)	12.92 mm
Xdamage (3)	28 mm
Mms	205.4 g
Bl	21.7 N/A
Le	1.25 mH
Mmd	193.3 g
Cms	0.08 mm/N
Rms	4.76 kg/s
η _e (Eta Zero)	1.26 %
EBP	123 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
 PATENT PENDING

