



15PR400

15" - 400 W - 99 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 in)
Depth	165 mm (6.5 in)
Flange and gasket Thickness	13.1 mm (0.52 in)
Net Weight	3.6 kg (7.92 lb)
Shipping Box	430 x 427 x 236 mm
(Single Carton Box)	(16.9 x 16.8 x 9.3 in)
Shipping Weight	4.7 kg (10.34 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	5.9 Ω
AES Power Handling (1)	400 W
Maximum Power Handling (4)	800 W
Sensitivity (1W/1m)	99 dB
Frequency Range	35÷4000 Hz
Voice Coil Diameter	77 mm (3 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	15 mm (0.59 in)
Magnetic Gap Depth	10.5 mm (0.41 in)
Flux Density	1.15 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround (5)	Accordion (4 waves)
NET Air Volume filled by Loudspeaker	3.7 dm ³ (0.131 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	5.1 Ω
Qes	0.34
Qms	6.02
Qts	0.32
Vas	223 dm ³ (7.88 ft ³)
Sd	805 cm ² (124.8 in ²)
Xmax (2)	5.75 mm
Xdamage (3)	15.5 mm
Mms	85.2 g
Bl	16.7 N/A
Le	0.75 mH
Mmd	72.5 g
Cms	0.24 mm/N
Rms	3.11 kg/s
η _o (Eta Zero)	2.71 %
EBP	103 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

