

10FE330

10" - 250 W - 92 dB



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	260 mm (10.24 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	233 mm (9.17 in)
Depth	117 mm (4.61 in)
Flange and gasket Thickness	11 mm (0.43 in)
Net Weight	3.4 kg (7.5 lb)
Shipping Box	285 x 285 x 165 mm
(Single Carton Box)	(11.2 x 11.2 x 6.49 in)
Shipping Weight	4.0 kg (8.2 lb)

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

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.1 Ω
AES Power Handling (1)	250 W
Maximum Power Handling (2)	500 W
Sensitivity (1W/1m)	92 dB
Frequency Range	35÷4000 Hz
Voice Coil Diameter	52 mm (2.05 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	19.3 mm (0.76 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	1.4 dm³ (0.049 ft³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	5.3 Ω
Qes	0.40
Qms	6.7
Qts	0.38
Vas	72.4 dm³ (2.56 ft³)
Sd	382 cm² (59.21 in²)
Xmax (4)	8.32 mm
Xdamage (5)	13.6 mm
Mms	58.2 g
Bl	13 N/A
Le	1.1 mH
Mmd	49.8 g
Cms	0.36 mm/N
Rms	1.9 kg/s
η _o (Eta Zero)	0.75 %
EBP	87 Hz

