



10FH530

10" - 500 W - 97 dB

NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	230 mm (9.06 in)
Depth	130 mm (5.12 in)
Flange and gasket Thickness	11.5 mm (0.45 in)
Net Weight	7.5 kg (16.5 lb)
Shipping Box	294 x 290 x 203 mm
(Single Carton Box)	(11.6 x 11.4 x 8.0 in)
Shipping Weight	8 kg (17.6 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
AES Power Handling (1)	500 W
Maximum Power Handling (4)	1000 W
Sensitivity (1W/1m)	97 dB
Frequency Range	60 ÷ 4000 Hz
Voice Coil Diameter	77 mm (3 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	18.5 mm (0.73 in)
Magnetic Gap Depth	10.5 mm (0.41 in)
Flux Density	1.2 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	2 dm ³ (0.071 ft ³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	60 Hz
Re	5.1 Ω
Qes	0.25
Qms	12.4
Qts	0.25
Vas	20.4 dm ³ (0.72 ft ³)
Sd	321 cm ² (49.76 in ²)
Xmax (2)	7.50 mm
Xdamage (3)	18.8 mm
Mms	50.3 g
Bl	19.5 N/A
Le	0.8 mH
Mmd	47.0 g
Cms	0.14 mm/N
Rms	1.53 kg/s
η _o (Eta Zero)	1.70 %
EBP	240 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

