



10PR410

10" - 300 W - 99 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	128 mm (5.04 in)
Flange and gasket Thickness	12 mm (0.47 in)
Net Weight	7.5 kg (16.6 lb)
Shipping Box	294 x 290 x 203 mm
(Single Carton Box)	(11.6 x 11.4 x 8 in)
Shipping Weight	8.1 kg (17.9 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.8 Ω
AES Power Handling (1)	300 W
Maximum Power Handling (4)	600 W
Sensitivity (1W/1m)	99 dB
Frequency Range	100 ÷ 2000 Hz
Voice Coil Diameter	65 mm (2.56 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	10.5 mm (0.41 in)
Flux Density	1.3 T
Magnet	Ferrite Ring
Basket Material	Aluminium
Demodulation	Aluminium Ring
Cone Surround (5)	Accordion (4 Waves)
NET Air Volume filled by Loudspeaker	2 dm ³ (0.070 ft ³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	60 Hz
Re	5.4 Ω
Qes	0.22
Qms	8.7
Qts	0.21
Vas	27.6 dm ³ (0.97 ft ³)
Sd	317.8 cm ² (49.26 in ²)
Xmax (2)	4.50 mm
Xdamage (3)	12.2 mm
Mms	36.5 g
Bl	18.5 N/A
Le	0.6 mH
Mmd	33.3 g
Cms	0.19 mm/N
Rms	1.59 kg/s
η _o (Eta Zero)	2.67 %
EBP	273 Hz

NOTE:

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

