



# 10PR300

10" - 300 W - 98 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	232 mm (9.13 in)
Depth	115.3 mm (4.54 in)
Flange and gasket Thickness	12.2 mm (0.48 in)
<b>Net Weight</b>	<b>2.3 kg (5.1 lb)</b>
Shipping Box	294 x 290 x 203 mm
(Single Carton Box)	(11.6 x 11.4 x 8.0 in)
Shipping Weight	2.8 kg (6.16 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6.4 Ω
AES Power Handling (1)	300 W
<b>Maximum Power Handling (4)</b>	<b>600 W</b>
<b>Sensitivity (1W/1m)</b>	<b>98 dB</b>
Frequency Range	60 ÷ 5000 Hz
<b>Voice Coil Diameter</b>	<b>65 mm (2.5 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
<b>Magnetic Gap Depth</b>	<b>8 mm (0.31 in)</b>
Flux Density	1.25 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround (5)	M-Roll
NET Air Volume filled by Loudspeaker	1.3 dm <sup>3</sup> (0.046 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	60 Hz
Re	5.4 Ω
Qes	0.29
Qms	5.8
Qts	0.27
Vas	36.7 dm <sup>3</sup> (1.30 ft <sup>3</sup> )
Sd	322 cm <sup>2</sup> (49.91 in <sup>2</sup> )
Xmax (2)	4.92 mm
Xdamage (3)	14 mm
Mms	28.2 g
Bl	14.1 N/A
Le	0.6 mH
Mmd	24.9 g
Cms	0.25 mm/N
Rms	1.83 kg/s
η <sub>o</sub> (Eta Zero)	2.67 %
EBP	207 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 Polycotton

