



# 10RS350

10" - 250 W - 91 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	116.5 mm (4.59 in)
Flange and gasket Thickness	17.1 mm (0.67 in)
<b>Net Weight</b>	<b>4.2 kg (9.3 lb)</b>
Shipping Box	282 x 280 x 140 mm
(Single Carton Box)	(11.1 x 11.0 x 5.5 in)
Shipping Weight	4.8 kg (10.6 lb)

## TECHNICAL PARAMETERS

Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
AES Power Handling (1)	250 W
<b>Maximum Power Handling (4)</b>	<b>500 W</b>
<b>Sensitivity (1W/1m)</b>	<b>91 dB</b>
Frequency Range	40 ÷ 2500 Hz
<b>Voice Coil Diameter</b>	<b>65 mm (2.56 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	17.4 mm (0.69 in)
<b>Magnetic Gap Depth</b>	<b>8 mm (0.31 in)</b>
Flux Density	1.2 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround (5)	Half Roll
NET Air Volume filled by Loudspeaker	1.4 dm <sup>3</sup> (0.049 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	40 Hz
Re	5.3 Ω
Qes	0.4
Qms	5.2
Qts	0.37
Vas	39.5 dm <sup>3</sup> (1.39 ft <sup>3</sup> )
Sd	322 cm <sup>2</sup> (49.91 in <sup>2</sup> )
Xmax (2)	7.37 mm
Xdamage (3)	17.4 mm
Mms	59 g
Bl	14 N/A
Le	0.95 mH
Mmd	55.7 g
Cms	0.27 mm/N
Rms	3.53 kg/s
η <sub>o</sub> (Eta Zero)	0.61 %
EBP	100 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
- NBR

