

8RS350



8" 300 W - 90 dB - 8 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.7/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	106.5 mm (4.19 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Net Weight	4.1 kg (9.0 lb)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	4.8 kg (10.6 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	02004384
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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 Ohm
Minimum Impedance	6.2 Ohm
AES Power Handling (1)	300 W
Maximum Power Handling (2)	600 W
Sensitivity (1W/1m)	90 dB
Frequency Range	50-6300 Hz
Voice Coil Diameter	65 mm (2.56 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	17.4 mm (0.69 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.2 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	1.04 dm ³ (0.037 ft ³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	42 Hz
Re	5.3 Ohm
Qes	0.31
Qms	6.9
Qts	0.30
Vas	23.7 dm ³ (0.84 ft ³)
Sd	226 cm ² (35.03 in ²)
Xmax (4)	7.37 mm
Xdamage (5)	16.85 mm
Mms	43.3 g
Bl	13.9 N/A
Le	0.6 mH
Mmd	39.5 g
Cms	0.33 mm/N
Rms	1.7 kg/s
Eta Zero	0.54 %
EBP	134 Hz

