

# 8RS340

8" - 300 W - 91 dB - 8 0hm



### **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	104.8 mm (4.13 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Net Weight	2.5 kg (5.5 lb)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	3.2 kg (7.1 lb)

# PART NUMBER

Push Terminals - 8 Ohm Version	02004375

### 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) Xmax= [(winding depth magnetic gap depth)/2] + (magnetic gap depth/3)
- (5) Maximum excursion before permanent damage

#### 8 Ohm Nominal Impedance 6 Ohm Minimum Impedance AES Power Handling (1) 300 W Maximum Power Handling (2) 600 W Sensitivity (1W/1m) 91 dB Frequency Range 50÷6300 Hz Voice Coil Diameter 65 mm (2.56 in) Winding Material Former Material Glass Fiber Winding Depth 17.4 mm (0.69 in) Magnetic Gap Depth 8.2 mm (0.32 in) Flux Density 1.2 T Neodymium Slug Magnet Basket Material Aluminum

**TECHNICAL PARAMETERS** 

Demodulation

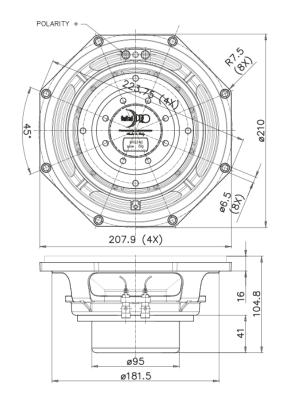
Spider Profile

Cone Surround (3)

NET Air Volume filled by Loudspeaker

# THIELE & SMALL PARAMETERS

Fs	42 Hz
Re	5.3 Ohm
Qes	0.36
Qms	6.6
Qts	0.34
Vas	25.5 dm^3 (0.90 ft^3)
Sd	227.8 cm^2 (35.31 in^2)
Xmax (4)	7.33 mm
Xdamage (5)	16.85 mm
Mms	40.8 g
BI	13 N/A
Le	0.64 mH
Mmd	36.9 g
Cms	0.35 mm/N
Rms	1.6 kg/s
Eta Zero	0.54 %
EBP	117 Hz





Half Roll

0.82 dm^3 (0.029 ft^3)

1x constant height waves

