

8RS340

8" - 300 W - 91 dB - 8 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	200 mm (8 in)	Nominal Impedance	8 Ohm	Fs	42 Hz
Overall Diameter	223.7/207.9 mm (8.81/8.18 in)	Minimum Impedance	6 Ohm	Re	5.3 Ohm
Bolt Circle Diameter	210 mm (8.27 in)	AES Power Handling (1)	300 W	Qes	0.36
Baffle Cutout Diameter	183 mm (7.20 in)	Maximum Power Handling (2)	600 W	Qms	6.6
Depth	104.8 mm (4.13 in)	Sensitivity (1W/1m)	91 dB	Qts	0.34
Flange and Gasket Thickness	16 mm (0.63 in)	Frequency Range	50-6300 Hz	Vas	25.5 dm^3 (0.90 ft^3)
Net Weight	2.5 kg (5.5 lb)	Voice Coil Diameter	65 mm (2.56 in)	Sd	227.8 cm^2 (35.31 in^2)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)	Winding Material	Al	Xmax (4)	7.33 mm
Shipping Weight	3.2 kg (7.1 lb)	Former Material	Glass Fiber	Xdamage (5)	16.85 mm
		Winding Depth	17.4 mm (0.69 in)	Mms	40.8 g
		Magnetic Gap Depth	8.2 mm (0.32 in)	Bl	13 N/A
		Flux Density	1.2 T	Le	0.64 mH
		Magnet	Neodymium Slug	Mmd	36.9 g
		Basket Material	Aluminum	Cms	0.35 mm/N
		Demodulation	No	Rms	1.6 kg/s
		Cone Surround (3)	Half Roll	Eta Zero	0.54 %
		NET Air Volume filled by Loudspeaker	0.82 dm^3 (0.029 ft^3)	EBP	117 Hz
		Spider Profile	1x constant height waves		

- 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

