

8PR320



8" - 300 W - 95 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	99.5 mm (3.92 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Net Weight	2.45 kg (5.4 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

Faston Terminals - 8 Ohm Version	02004338
Recone Kit - 8 Ohm Version	R2004338

NOTES:

- 2 Hours Test According to AES 2-1984 Rev. 2003
- Maximum power is defined as 3dB greater than nominal power.
- Treated Polycotton
- $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- Maximum excursion before permanent damage

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.1 Ohm
AES Power Handling (1)	300 W
Maximum Power Handling (2)	600 W
Sensitivity (1W/1m)	95 dB
Frequency Range	60-4000 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	8.2 mm (0.32 in)
Flux Density	1.2 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround (3)	Triple Roll
NET Air Volume filled by Loudspeaker	0.82 dm ³ (0.029 ft ³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	5.4 Ohm
Qes	0.43
Qms	8.2
Qts	0.41
Vas	13.1 dm ³ (0.46 ft ³)
Sd	223 cm ² (34.57 in ²)
Xmax (4)	7.33 mm
Xdamage (5)	16.85 mm
Mms	31.7 g
Bl	12.9 N/A
Le	0.52 mH
Mmd	27.9 g
Cms	0.19 mm/N
Rms	1.6 kg/s
Eta Zero	0.83 %
EBP	151 Hz

