

# 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)
<b>Net Weight</b>	<b>2.45 kg (5.4 lb)</b>
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
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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) Treated Polycotton
- (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	6.1 Ohm
AES Power Handling (1)	300 W
<b>Maximum Power Handling (2)</b>	<b>600 W</b>
<b>Sensitivity (1W/1m)</b>	<b>95 dB</b>
Frequency Range	60-4000 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>8.2 mm (0.32 in)</b>
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 <sup>3</sup> (0.029 ft <sup>3</sup> )
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 <sup>3</sup> (0.46 ft <sup>3</sup> )
Sd	223 cm <sup>2</sup> (34.57 in <sup>2</sup> )
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

