

# 5PR160



5" - 120 W - 92 dB - 8 Ohm

## NOMINAL SPECIFICATIONS

Nominal Diameter	130 mm (5 in)
Overall Diameter	150/128.2 mm (5.91/5.05 in)
Bolt Circle Diameter	139 mm (5.47 in)
Baffle Cutout Diameter	118 mm (4.65 in)
Depth	74 mm (2.91 in)
Flange and Gasket Thickness	9 mm (0.35 in)
<b>Net Weight</b>	<b>0.85 kg (1.9 lb)</b>
Shipping Box (Single Carton Box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	1.0 kg (2.2 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	01304343
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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)	120 W
<b>Maximum Power Handling (2)</b>	<b>240 W</b>
<b>Sensitivity (1W/1m)</b>	<b>92 dB</b>
Frequency Range	100-6500 Hz
<b>Voice Coil Diameter</b>	<b>37 mm (1.46 in)</b>
Winding Material	Al
Former Material	Kapton
Winding Depth	12.2 mm (0.48 in)
<b>Magnetic Gap Depth</b>	<b>6 mm (0.24 in)</b>
Flux Density	1.4 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	M-Roll
NET Air Volume filled by Loudspeaker	0.25 dm <sup>3</sup> (0.009 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	90 Hz
Re	6.1 Ohm
Qes	0.33
Qms	4.4
Qts	0.31
Vas	3.7 dm <sup>3</sup> (0.13 ft <sup>3</sup> )
Sd	85.2 cm <sup>2</sup> (13.21 in <sup>2</sup> )
Xmax (4)	5.10 mm
Xdamage (5)	16.85 mm
Mms	8.5 g
Bl	9.6 N/A
Le	0.3 mH
Mmd	7.6 g
Cms	0.37 mm/N
Rms	1.1 kg/s
Eta Zero	0.83 %
EBP	273 Hz

