

# 6PR130



6" - 200 W - 101 dB - 8 Ohm

## NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	186.5/162 mm (7.34/6.37 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	147 mm (5.79 in)
Depth	74 mm (2.91 in)
Flange and Gasket Thickness	9 mm (0.35 in)
<b>Net Weight</b>	<b>0.82 kg (1.8 lb)</b>
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	1.2 kg (2.6 lb)

## PART NUMBER

Push Terminals - 8 Ohm Version	01604435
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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) NBR (Rubber)
- (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	6.2 Ohm
AES Power Handling (1)	200 W
<b>Maximum Power Handling (2)</b>	<b>400 W</b>
<b>Sensitivity (1W/1m)</b>	<b>101 dB</b>
Frequency Range	200-5000 Hz
<b>Voice Coil Diameter</b>	<b>44 mm (1.7 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	11.2 mm (0.44 in)
<b>Magnetic Gap Depth</b>	<b>6 mm (0.24 in)</b>
Flux Density	1.7 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Raised planar
NET Air Volume filled by Loudspeaker	0.30 dm <sup>3</sup> (0.011 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	175 Hz
Re	5.2 Ohm
Qes	0.57
Qms	3.1
Qts	0.48
Vas	4.2 dm <sup>3</sup> (0.15 ft <sup>3</sup> )
Sd	147.95 cm <sup>2</sup> (22.93 in <sup>2</sup> )
Xmax (4)	4.60 mm
Xdamage (5)	5.25 mm
Mms	12.0 g
Bl	11.4 N/A
Le	0.17 mH
Mmd	10.0 g
Cms	0.07 mm/N
Rms	4.3 kg/s
Eta Zero	2.07 %
EBP	307 Hz

