

# 6RS140



6" - 200 W - 92 dB - 16 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	76 mm (2.99 in)
Flange and Gasket Thickness	11 mm (0.43 in)
<b>Net Weight</b>	<b>1.2 kg (2.6 lb)</b>
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	1.3 kg (2.9 lb)

## PART NUMBER

Push Terminals - 16 Ohm Version	01604300
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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	16 Ohm
Minimum Impedance	14 Ohm
AES Power Handling (1)	200 W
<b>Maximum Power Handling (2)</b>	<b>400 W</b>
<b>Sensitivity (1W/1m)</b>	<b>92 dB</b>
Frequency Range	60-6000 Hz
<b>Voice Coil Diameter</b>	<b>44 mm (1.73 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	13 mm (0.51 in)
<b>Magnetic Gap Depth</b>	<b>6 mm (0.24 in)</b>
Flux Density	1.5 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.37 dm <sup>3</sup> (0.013 ft <sup>3</sup> )
Spider Profile	1x variable height waves

## THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	12.6 Ohm
Qes	0.38
Qms	6.0
Qts	0.36
Vas	9.9 dm <sup>3</sup> (0.35 ft <sup>3</sup> )
Sd	133 cm <sup>2</sup> (20.62 in <sup>2</sup> )
Xmax (4)	5.50 mm
Xdamage (5)	11.6 mm
Mms	15.0 g
Bl	14.2 N/A
Le	0.34 mH
Mmd	13.3 g
Cms	0.40 mm/N
Rms	1.0 kg/s
Eta Zero	0.69 %
EBP	171 Hz

