

6RS140



6" - 200 W - 93 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	76 mm (2.99 in)
Flange and Gasket Thickness	11 mm (0.43 in)
Net Weight	1.2 kg (2.6 lb)
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 - 8 Ohm Version	01604292
Recone Kit - 8 Ohm Version	R1604292

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	6.3 Ohm
AES Power Handling (1)	200 W
Maximum Power Handling (2)	400 W
Sensitivity (1W/1m)	93 dB
Frequency Range	60-6000 Hz
Voice Coil Diameter	44 mm (1.73 in)
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	13.2 mm (0.52 in)
Magnetic Gap Depth	6 mm (0.24 in)
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 ³ (0.013 ft ³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	65 Hz
Re	5.3 Ohm
Qes	0.28
Qms	5.8
Qts	0.27
Vas	9.3 dm ³ (0.33 ft ³)
Sd	133 cm ² (20.62 in ²)
Xmax (4)	5.60 mm
Xdamage (5)	11.6 mm
Mms	16.0 g
Bl	11 N/A
Le	0.28 mH
Mmd	14.3 g
Cms	0.37 mm/N
Rms	1.1 kg/s
Eta Zero	0.86 %
EBP	232 Hz

