

5PR160

5" - 120 W - 92 dB



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)
Net Weight	850 g (1.9 lb)
Shipping Box	185 x 170 x 102 mm
(Single Carton Box)	(7.3 x 6.7 x 4.0 in)
Shipping Weight	1.0 kg (2.2 lb)

- 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 Ω
Minimum Impedance	6.1 Ω
AES Power Handling (1)	120 W
Maximum Power Handling (2)	240 W
Sensitivity (1W/1m)	92 dB
Frequency Range	100÷6500 Hz
Voice Coil Diameter	37 mm (1.45 in)
Winding Material	Al
Former Material	Kapton
Winding Depth	12.2 mm (0.48 in)
Magnetic Gap Depth	6 mm (0.24 in)
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 dm³ (0.009 ft³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	90 Hz
Re	6.1 Ω
Qes	0.33
Qms	4.4
Qts	0.31
Vas	3.7 dm³ (0.13 ft³)
Sd	85.2 cm² (13.21 in²)
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
η _o (Eta Zero)	0.83 %
EBP	273 Hz

