

5PR120

5" - 100 W - 100 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	69 mm (2.72 in)
Flange and gasket Thickness	9 mm (0.35 in)
Net Weight	820 g (1.8 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) EPDM (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 Ω
Minimum Impedance	5.9 Ω
AES Power Handling (1)	100 W
Maximum Power Handling (2)	200 W
Sensitivity (1W/1m)	100 dB
Frequency Range	300÷5000 Hz
Voice Coil Diameter	32 mm (1.26 in)
Winding Material	Al
Former Material	Kapton
Winding Depth	8.2 mm (0.32 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.7 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround (3)	Raised Planar
NET Air Volume filled by Loudspeaker	0.18 dm³ (0.006 ft³)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5 Ω
Qes	0.28
Qms	8.0
Qts	0.27
Vas	4.2 dm³ (0.15 ft³)
Sd	102.2 cm² (15.84 in²)
Xmax (4)	3.10 mm
Xdamage (5)	5.25 mm
Mms	8.5 g
Bl	10 N/A
Le	0.17 mH
Mmd	7.3 g
Cms	0.30 mm/N
Rms	0.7 kg/s
η _o (Eta Zero)	1.58 %
EBP	357 Hz

