PROFESSIONAL LOUDSPEAKERS

5PR120

5" - 100 W - 100 dB - 8 Ohm



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	**0.82 kg (1.8 lb)**
Shipping Box (Single Carton Box)	185 x 170 x 102 mm (7.3 x 6.7 x 4.0 in)
Shipping Weight	1.0 kg (2.2 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01304399

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	5.9 Ohm
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 dm^3 (0.006 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5 Ohm
Qes	0.28
Qms	8.0
Qts	0.27
Vas	4.2 dm^3 (0.15 ft^3)
Sd	102.2 cm^2 (15.84 in^2)
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
Eta Zero	1.58 %
EBP	357 Hz

NOTES:

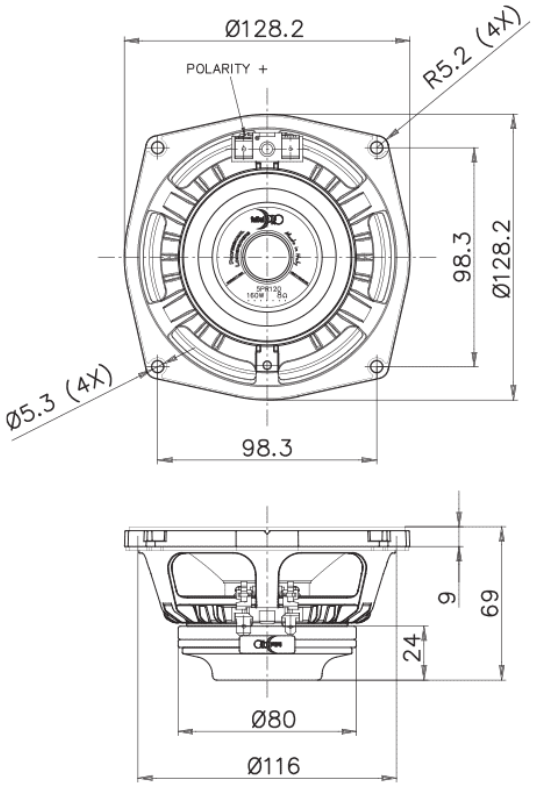
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

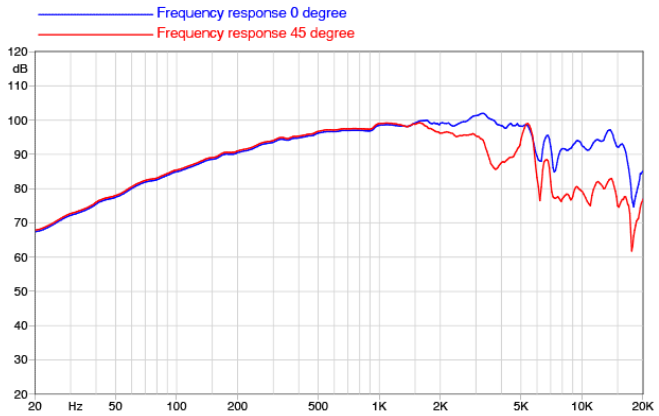
(2) Maximum power is defined as 3dB greater than nominal power.

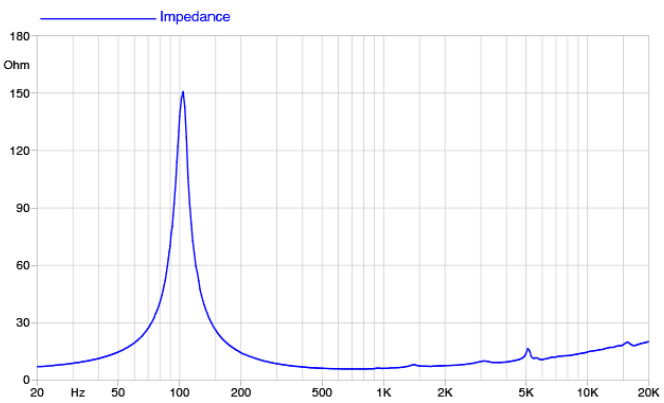
(3) NBR (Rubber)

(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(5) Maximum excursion before permanent damage







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