faital PRO PROFESSIONAL LOUDSPEAKERS

5PR160

5" - 120 W - 92 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	74 mm (2.91 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	**0.85 kg (1.9 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	01304343

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

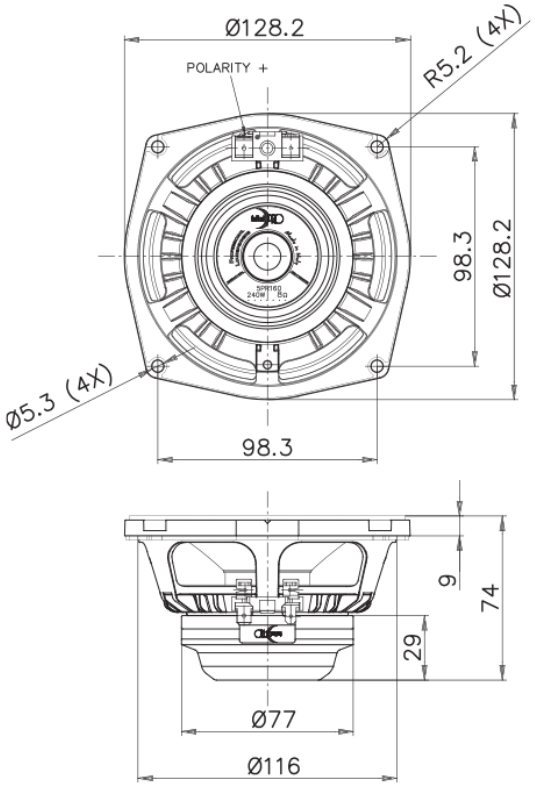
(5) Maximum excursion before permanent damage

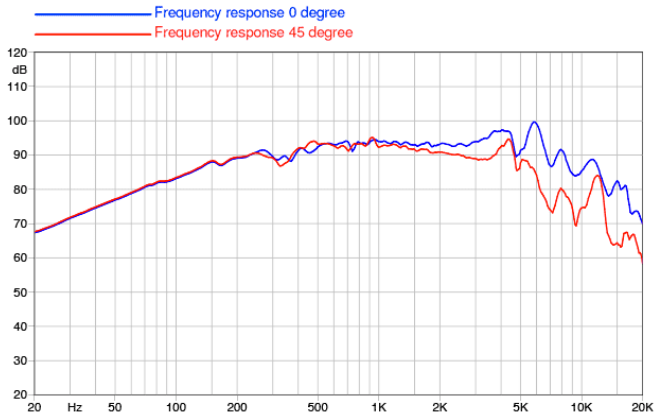
TECHNICAL PARAMETERS

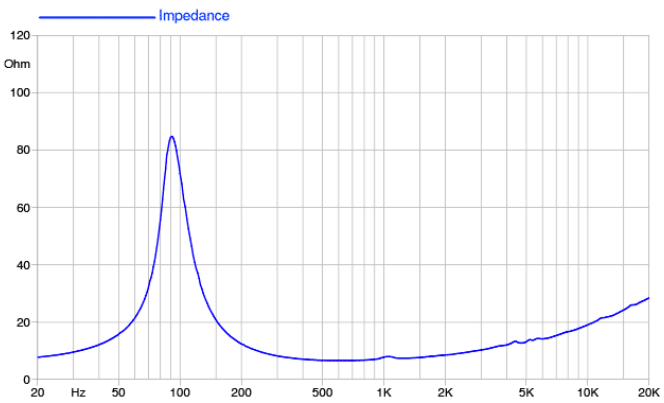
Nominal Impedance	8 Ohm
Minimum Impedance	6.1 Ohm
AES Power Handling **(1)**	120 W
Maximum Power Handling (2)	**240 W**
Sensitivity (1W/1m)	**92 dB**
Frequency Range	100÷6500 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	12.2 mm (0.48 in)
Magnetic 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 dm^3 (0.009 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	90 Hz
Re	6.1 Ohm
Qes	0.33
Qms	4.4
Qts	0.31
Vas	3.7 dm^3 (0.13 ft^3)
Sd	85.2 cm^2 (13.21 in^2)
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
Eta Zero	0.83 %
EBP	273 Hz







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