faital PRO PROFESSIONAL LOUDSPEAKERS

8PR200

8" - 200 W - 94 dB - 16 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	116.7 mm (4.59 in)
Flange and Gasket Thickness	10.7 mm (0.42 in)
Net Weight	**2.1 kg (4.6 lb)**
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	2.5 kg (5.5 lb)

PART NUMBER

Push Terminals - 16 Ohm Version	02004117
Recone Kit - 16 Ohm Version	R2004117

TECHNICAL PARAMETERS

Nominal Impedance	16 Ohm
Minimum Impedance	14 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	70÷5000 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	20.3 mm (0.80 in)
Magnetic Gap Depth	**9 mm (0.35 in)**
Flux Density	1.15 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	1 dm^3 (0.035 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	60 Hz
Re	11.8 Ohm
Qes	0.49
Qms	8.8
Qts	0.46
Vas	16.1 dm^3 (0.57 ft^3)
Sd	209 cm^2 (32.40 in^2)
Xmax **(4)**	8.65 mm
Xdamage **(5)**	13.5 mm
Mms	26.7 g
Bl	15.5 N/A
Le	0.87 mH
Mmd	23.3 g
Cms	0.26 mm/N
Rms	1.1 kg/s
Eta Zero	0.68 %
EBP	122 Hz

NOTES:

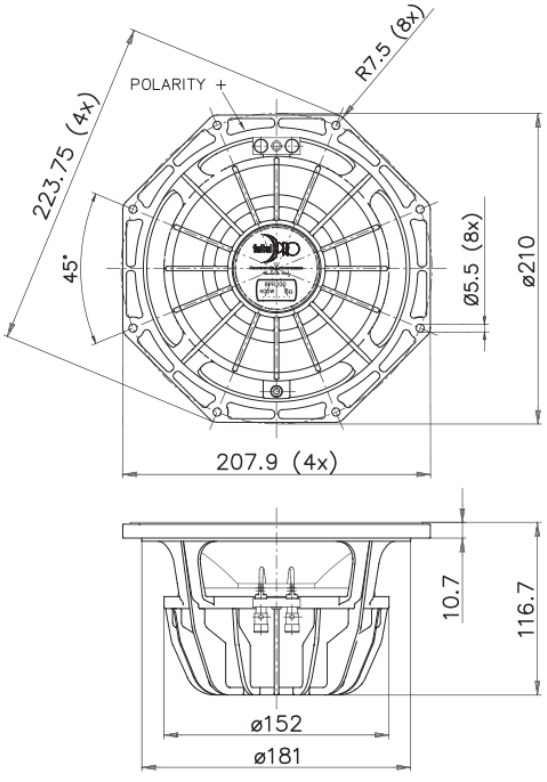
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

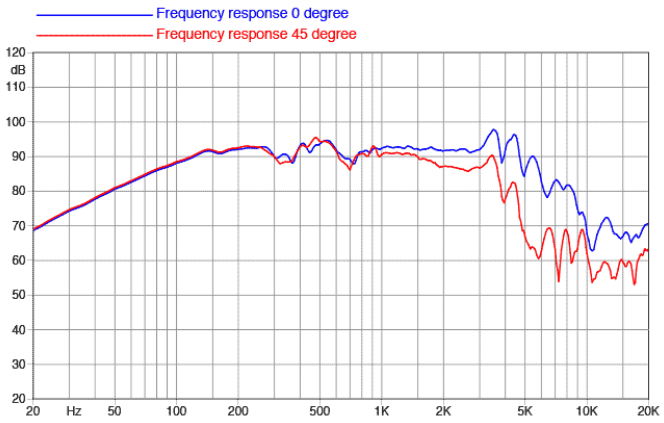
(2) Maximum power is defined as 3dB greater than nominal power.

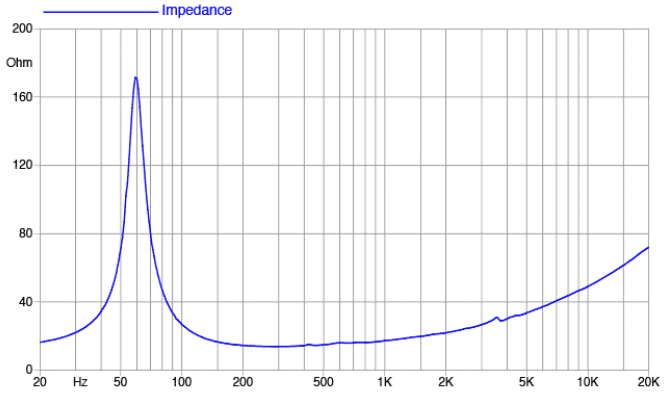
(3) Treated Polycotton

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

(5) Maximum excursion before permanent damage







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