faital PRO PROFESSIONAL LOUDSPEAKERS

8PR155

8" - 200 W - 97 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.7/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	98.5 mm (3.88 in)
Flange and Gasket Thickness	10.8 mm (0.43 in)
Net Weight	**4.3 kg (9.5 lb)**
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	4.6 kg (10.1 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	02004172
Recone Kit - 8 Ohm Version	R2004172

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)

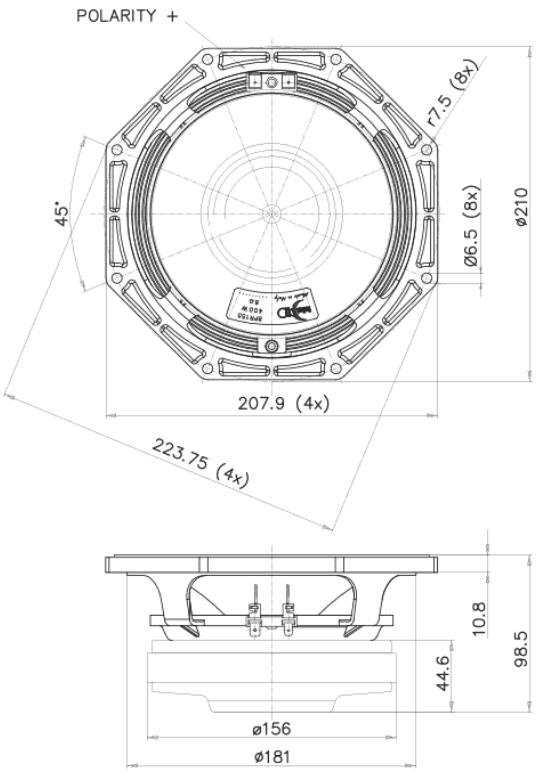
(5) Maximum excursion before permanent damage

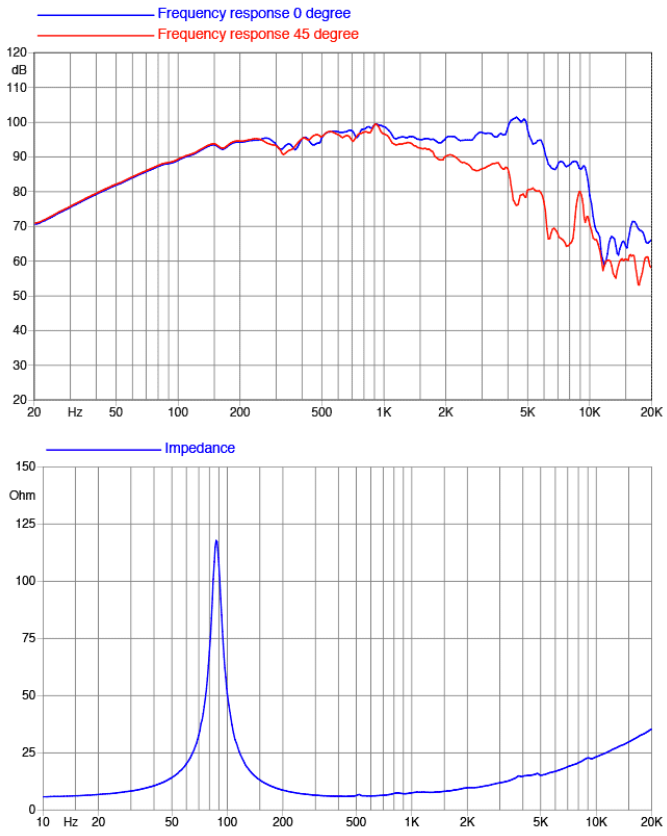
TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.3 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	80÷6300 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	9.8 mm (0.39 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.3 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	1.06 dm^3 (0.037 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	85 Hz
Re	5.3 Ohm
Qes	0.39
Qms	8.8
Qts	0.37
Vas	9.4 dm^3 (0.33 ft^3)
Sd	217 cm^2 (33.67 in^2)
Xmax **(4)**	3.57 mm
Xdamage **(5)**	10.65 mm
Mms	24.5 g
Bl	13.4 N/A
Le	0.41 mH
Mmd	20.9 g
Cms	0.14 mm/N
Rms	1.5 kg/s
Eta Zero	1.45 %
EBP	218 Hz





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