PROFESSIONAL LOUDSPEAKERS

8PR150

8" - 250 W - 94 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	207.9 mm (8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	93.7 mm (3.69 in)
Flange and Gasket Thickness	10.8 mm (0.43 in)
Net Weight	**1.5 kg (3.3 lb)**
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	1.8 kg (3.9 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	02004437

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)

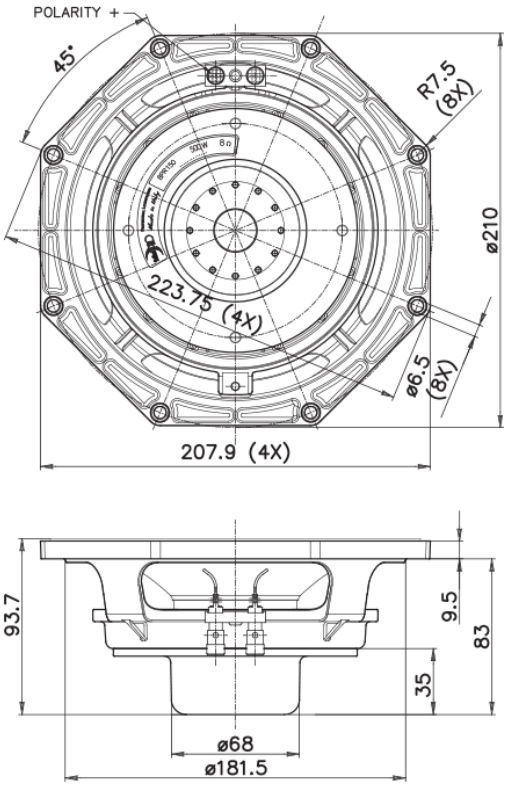
(5) Maximum excursion before permanent damage

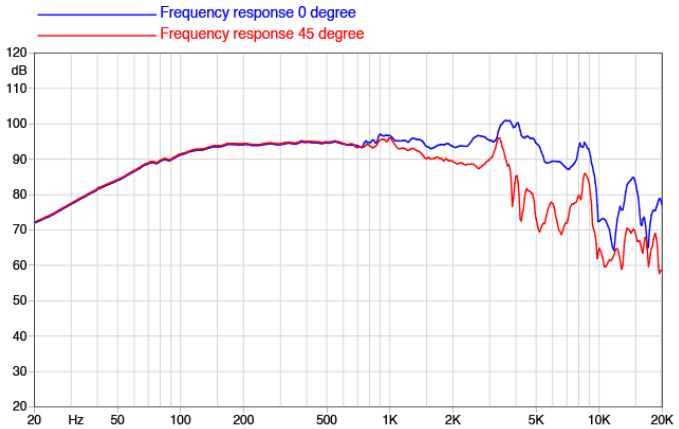
TECHNICAL PARAMETERS

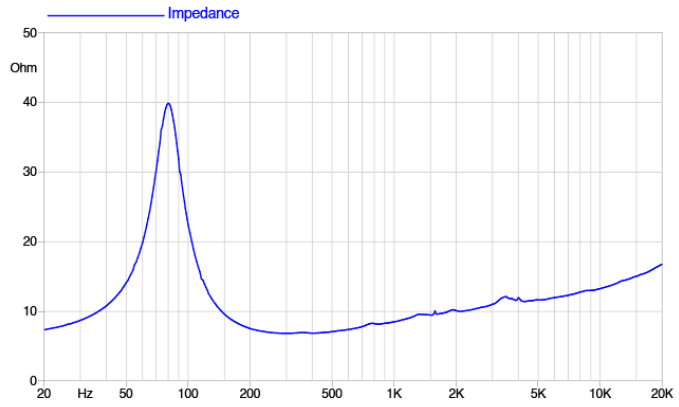
Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling **(1)**	250 W
Maximum Power Handling (2)	**500 W**
Sensitivity (1W/1m)	**94 dB**
Frequency Range	75÷3000 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	**7.5 mm (0.30 in)**
Flux Density	1.1 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	Copper Cap
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	0.6 dm^3 (0.021 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	75 Hz
Re	5.8 Ohm
Qes	0.54
Qms	4.4
Qts	0.48
Vas	16.2 dm^3 (0.57 ft^3)
Sd	233.9 cm^2 (36.25 in^2)
Xmax **(4)**	5.00 mm
Xdamage **(5)**	27 mm
Mms	21.2 g
Bl	10.4 N/A
Le	0.2 mH
Mmd	17.2 g
Cms	0.21 mm/N
Rms	2.3 kg/s
Eta Zero	1.2 %
EBP	140 Hz







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