PROFESSIONAL LOUDSPEAKERS

8FE200

8" - 130 W - 95 dB - 4 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	209.2 mm (8.24 in)
Bolt Circle Diameter	196.9 mm (7.75 in)
Baffle Cutout Diameter	178 mm (7.01 in)
Depth	89 mm (3.50 in)
Flange and Gasket Thickness	8 mm (0.31 in)
Net Weight	**2.2 kg (4.7 lb)**
Shipping Box (Single Carton Box)	227 x 224 x 113 mm (8.9 x 8.8 x 4.4 in)
Shipping Weight	3 kg (6.6 lb)

PART NUMBER

Faston Terminals - 4 Ohm Version	02004056

NOTES:

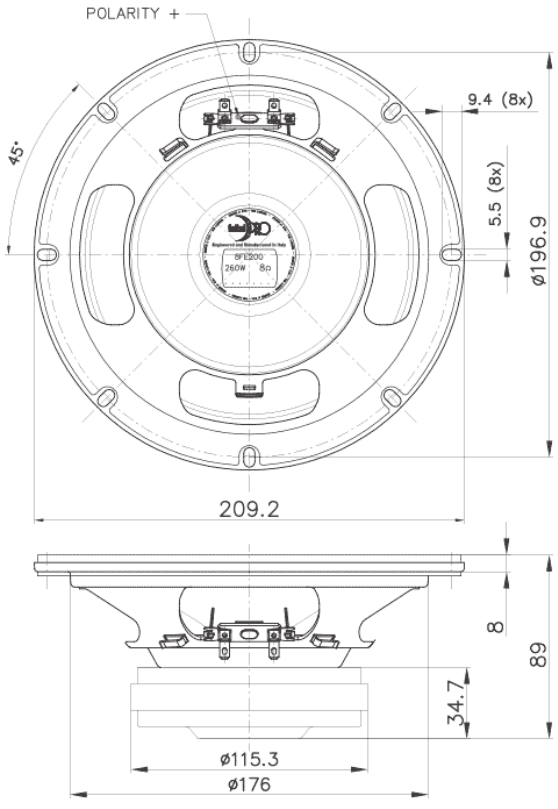
(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Treated Polycotton
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage

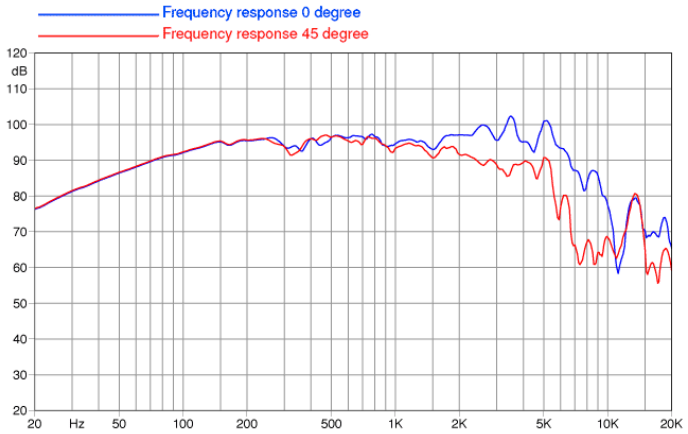
TECHNICAL PARAMETERS

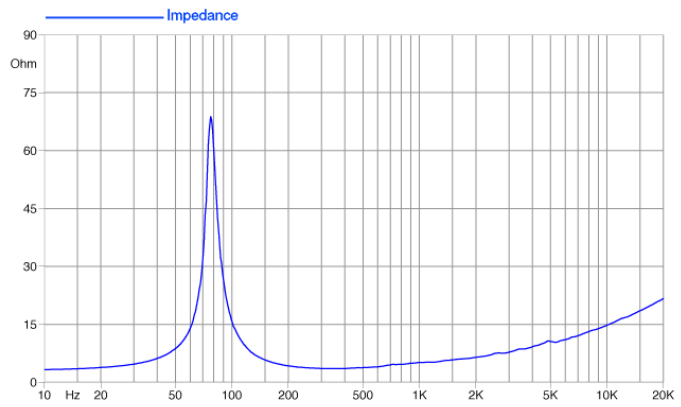
Nominal Impedance	4 Ohm
Minimum Impedance	3.6 Ohm
AES Power Handling **(1)**	130 W
Maximum Power Handling (2)	**260 W**
Sensitivity (1W/1m)	**95 dB**
Frequency Range	60÷5000 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	11.9 mm (0.47 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
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	80 Hz
Re	3 Ohm
Qes	0.47
Qms	8.7
Qts	0.45
Vas	15.8 dm^3 (0.56 ft^3)
Sd	209 cm^2 (32.44 in^2)
Xmax **(4)**	4.62 mm
Xdamage **(5)**	10.4 mm
Mms	15.3 g
Bl	7 N/A
Le	0.25 mH
Mmd	11.9 g
Cms	0.26 mm/N
Rms	0.9 kg/s
Eta Zero	1.67 %
EBP	170 Hz







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