

8FE400

8" - 200 W - 96 dB - 4 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	200 mm (8 in)	Nominal Impedance	4 Ohm	Fs	100 Hz
Overall Diameter	209 mm (8.23 in)	Minimum Impedance	3.9 Ohm	Re	3.4 Ohm
Bolt Circle Diameter	197 mm (7.76 in)	AES Power Handling (1)	200 W	Qes	0.53
Baffle Cutout Diameter	183 mm (7.20 in)	Maximum Power Handling (2)	400 W	Qms	4.8
Depth	96 mm (3.78 in)	Sensitivity (1W/1m)	96 dB	Qts	0.48
Flange and Gasket Thickness	7 mm (0.28 in)	Frequency Range	100-6000 Hz	Vas	9.9 dm^3 (0.35 ft^3)
Net Weight	2.78 kg (6.1 lb)	Voice Coil Diameter	44 mm (1.73 in)	Sd	233 cm^2 (36.12 in^2)
Shipping Box (Single Carton Box)	227 x 224 x 113 mm (8.93 x 8.81 x 4.44 in)	Winding Material	Al	Xmax (4)	4.87 mm
Shipping Weight	2.95 kg (6.5 lb)	Former Material	Al	Xdamage (5)	15.5 mm
PART NUMBER		Winding Depth	12.4 mm (0.49 in)	Mms	19.4 g
Faston Terminals - 8 Ohm Version	02004429	Magnetic Gap Depth	8 mm (0.31 in)	Bl	8.8 N/A
NOTES:		Flux Density	1.10 T	Le	0.3 mH
(1) 2 Hours Test According to AES 2-1984 Rev. 2003		Magnet	Ferrite Ring	Mmd	15.4 g
(2) Maximum power is defined as 3dB greater than nominal power.		Basket Material	Steel	Cms	0.13 mm/N
(3) Treated Polycotton		Demodulation	No	Rms	2.5 kg/s
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)		Cone Surround (3)	Triple Roll	Eta Zero	1.80 %
(5) Maximum excursion before permanent damage		NET Air Volume filled by Loudspeaker	0.9 dm^3 (0.032 ft^3)	EBP	187 Hz
		Spider Profile	1x constant height waves		

