

3FE22

3" - 20 W - 91 dB - 4 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	80 mm (3 in)	Nominal Impedance	4 Ohm	Fs	110 Hz
Overall Diameter	105.6/81 mm (4.16/3.19 in)	Minimum Impedance	3.7 Ohm	Re	3.3 Ohm
Bolt Circle Diameter	92 mm (3.62 in)	AES Power Handling (1)	20 W	Qes	0.40
Baffle Cutout Diameter	73.6 mm (2.90 in)	Maximum Power Handling (2)	40 W	Qms	3.6
Depth	46 mm (1.81 in)	Sensitivity (1W/1m)	91 dB	Qts	0.36
Flange and Gasket Thickness	6.5 mm (0.26 in)	Frequency Range	100÷20000 Hz	Vas	1.3 dm^3 (0.05 ft^3)
Net Weight	240 g (0.5 lb)	Voice Coil Diameter	19 mm (0.75 in)	Sd	33 cm^2 (5.12 in^2)
Shipping Box (Single Carton Box - 36 units)	285 x 285 x 255 mm (11.2 x 11.2 x 10.0 in)	Winding Material	Al	Xmax (4)	1.73 mm
Shipping Weight (36 units)	10 kg (22.0 lb)	Former Material	Kapton	Xdamage (5)	7.3 mm
		Winding Depth	4.8 mm (0.19 in)	Mms	2.4 g
		Magnetic Gap Depth	4 mm (0.16 in)	Bl	3.7 N/A
		Flux Density	1.4 T	Le	0.10 mH
		Magnet	Neodymium Ring	Mmd	2.2 g
		Basket Material	Steel	Cms	0.87 mm/N
		Demodulation	No	Rms	0.5 kg/s
		Cone Surround (3)	Half Roll	Eta Zero	0.43 %
		NET Air Volume filled by Loudspeaker	0.060 dm^3 (0.002 ft^3)	EBP	275 Hz
		Spider Profile	1x constant height waves		

NOTES:

Packaged and sold in multiples of 36 units

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

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

(3) NBR (Rubber)

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

(5) Maximum excursion before permanent damage

