

6HX150



LF 6" - 150 W - 93 dB - 8 Ohm
HF 15 W - 104 dB - 8 Ohm

NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		LF	HF	THIELE & SMALL PARAMETERS	
Nom. Diameter	160 mm (6 in)	Nom. Impedance		8 Ohm	8 Ohm	Fs	88 Hz
Overall Diameter	186.5/162 mm (7.34/6.37 in)	Minimum Impedance		6 Ohm	6.3 Ohm	Re [LF]	5.5 Ohm
Bolt Circle Diameter	172 mm (6.77 in)	AES Power Handling (1)		150 W	15 W	Re [HF]	6 Ohm
Baffle Cutout Diameter	147 mm (5.79 in)	Max Power Handling (2)		300 W	30 W	Qes	0.35
Depth	95 mm (3.74 in)	Sensitivity (1W/1m) (3)		93 dB	104 dB	Qms	8.3
Flange and Gasket Thickness	9.3 mm (0.37 in)	Frequency Range		90÷5000 Hz	1500÷18000 Hz	Qts	0.34
Net Weight	1.3 kg (2.9 lb)	Voice Coil Diameter		52 mm (2 in)	25 mm (1 in)	Vas	6.3 dm^3 (0.22 ft^3)
Shipping Box (Single Carton Box)	202 x 202 x 134 mm (8.0 x 8.0 x 5.3 in)	Winding Material		Cu	Al	Sd	139.2 cm^2 (21.58 in^2)
Shipping Weight	2.8 kg (6.2 lb)	Former Material		Glass Fiber	Kapton	Xmax (6)	4.35 mm
		Winding Depth		10.7 mm (0.42 in)	1.7 mm (0.07 in)	Xdamage (7)	10.15 mm
		Magnetic Gap Depth		6 mm (0.24 in)	2 mm (0.08 in)	Mms	14 g
		Flux Density		1.35 T	1.3 T	Bl	12 N/A
		Min. Cross. Freq. (4)		-	1.7 kHz	Le	0.64 mH
		Dispersion Angle		-	90°	Mmd	12.1 g
		Diaphragm Material		-	Ketone Polymer	Cms	0.23 mm/N
		Diaphragm Shape		-	Dome	Rms	0.9 kg/s
		Magnet		Neodymium Ring	Neodymium Ring	Eta Zero	1.41 %
		Basket Material		Aluminum	-	EBP	251 Hz
		Demodulation		Aluminum Ring	-		
		Cone Surround (5)		Half Roll	-		
		NET Air Volume filled by Loudspeaker		0.6 dm^3 (0.021 ft^3)	-		
		Spider Profile		1x constant height waves	-		

- NOTES:
- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) HF Sensitivity averaged within the frequency range
- (4) 12 dB/oct or higher slope high-pass filter
- (5) Treated Polycotton
- (6) $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (7) Maximum excursion before permanent damage

