



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
PART NUMBER		Winding Depth		10.7 mm (0.42 in)	1.7 mm (0.07 in)	Xdamage (7)	10.15 mm
Push Terminals - 8 Ohm Version	01604030	Magnetic Gap Depth		6 mm (0.24 in)	2 mm (0.08 in)	Mms	14 g
Recone Kit LF - 8 Ohm Version	R1604030	Flux Density		1.35 T	1.3 T	Bl	12 N/A
Recone Kit HF - 8 Ohm Version	R0254031	Min. Cross. Freq. (4)		-	1.7 kHz	Le	0.64 mH
NOTES:		Dispersion Angle		-	90°	Mmd	12.1 g
(1) 2 Hours Test According to AES 2-1984 Rev. 2003		Diaphragm Material		-	Ketone Polymer	Cms	0.23 mm/N
(2) Maximum power is defined as 3dB greater than nominal power.		Diaphragm Shape		-	Dome	Rms	0.9 kg/s
(3) HF Sensitivity averaged within the frequency range		Magnet		Neodymium Ring	Neodymium Ring	Eta Zero	1.41 %
(4) 12 dB/oct or higher slope high-pass filter		Basket Material		Aluminum	-	EBP	251 Hz
(5) Treated Polycotton		Demodulation		Aluminum Ring	-		
(6) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)		Cone Surround (5)		Half Roll	-		
(7) Maximum excursion before permanent damage		NET Air Volume filled by Loudspeaker		0.6 dm^3 (0.021 ft^3)	-		
		Spider Profile		1x constant height waves	-		

