

15PR450

15" - 400 W - 98 dB - 8 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	380 mm (15 in)	Nominal Impedance	8 Ohm	Fs	35 Hz
Overall Diameter	393 mm (15.47 in)	Minimum Impedance	6.2 Ohm	Re	5.1 Ohm
Bolt Circle Diameter	374 mm (14.72 in)	AES Power Handling (1)	400 W	Qes	0.37
Baffle Cutout Diameter	356 mm (14.02 in)	Maximum Power Handling (2)	800 W	Qms	6.9
Depth	172.6 mm (6.80 in)	Sensitivity (1W/1m)	98 dB	Qts	0.35
Flange and Gasket Thickness	13.6 mm (0.54 in)	Frequency Range	35÷4000 Hz	Vas	235.6 dm^3 (8.32 ft^3)
Net Weight	7.8 kg (17.2 lb)	Voice Coil Diameter	77 mm (3 in)	Sd	857 cm^2 (132.84 in^2)
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)	Winding Material	Al	Xmax (4)	6.00 mm
Shipping Weight	8.9 kg (19.6 lb)	Former Material	Glass Fiber	Xdamage (5)	23 mm
PART NUMBER		Winding Depth	15 mm (0.59 in)	Mms	90 g
Push Terminals - 8 Ohm Version	TBD	Magnetic Gap Depth	9 mm (0.35 in)	Bl	16.6 N/A
NOTES:		Flux Density	1.15 T	Le	0.65 mH
(1) 2 Hours Test According to AES 2-1984 Rev. 2003		Magnet	Ferrite Ring	Mmd	61.6 g
(2) Maximum power is defined as 3dB greater than nominal power.		Basket Material	Aluminum	Cms	0.23 mm/N
(3) Treated Polycotton		Demodulation	Aluminum Ring	Rms	2.9 kg/s
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)		Cone Surround (3)	Accordion (4 Waves)	Eta Zero	2.67 %
(5) Maximum excursion before permanent damage		NET Air Volume filled by Loudspeaker	4.1 dm^3 (0.145 ft^3)	EBP	96 Hz
		Spider Profile	1x constant height waves		

