

12PR320

12" - 300 W - 96 dB - 16 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	300 mm (12 in)	Nominal Impedance	16 Ohm	Fs	45 Hz
Overall Diameter	316 mm (12.44 in)	Minimum Impedance	12.4 Ohm	Re	11.3 Ohm
Bolt Circle Diameter	298.5 mm (11.75 in)	AES Power Handling (1)	300 W	Qes	0.56
Baffle Cutout Diameter	282 mm (11.10 in)	Maximum Power Handling (2)	600 W	Qms	7.6
Depth	135 mm (5.31 in)	Sensitivity (1W/1m)	96 dB	Qts	0.52
Flange and Gasket Thickness	12 mm (0.47 in)	Frequency Range	45-5000 Hz	Vas	96.7 dm^3 (3.41 ft^3)
Net Weight	2.75 kg (6.1 lb)	Voice Coil Diameter	65 mm (2.56 in)	Sd	539 cm^2 (83.55 in^2)
Shipping Box (Single Carton Box)	350 x 346 x 190 mm (13.8 x 13.6 x 7.5 in)	Winding Material	Al	Xmax (4)	7.27 mm
Shipping Weight	3.4 kg (7.5 lb)	Former Material	Glass Fiber	Xdamage (5)	17 mm
PART NUMBER		Winding Depth	17.2 mm (0.68 in)	Mms	52.5 g
Push Terminals - 16 Ohm Version	03004314	Magnetic Gap Depth	8 mm (0.31 in)	Bl	17.3 N/A
NOTES:		Flux Density	1.2 T	Le	0.96 mH
(1) 2 Hours Test According to AES 2-1984 Rev. 2003		Magnet	Neodymium Slug	Mmd	38.3 g
(2) Maximum power is defined as 3dB greater than nominal power.		Basket Material	Aluminum	Cms	0.24 mm/N
(3) Treated Polycotton		Demodulation	No	Rms	1.9 kg/s
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)		Cone Surround (3)	Triple Roll	Eta Zero	1.52 %
(5) Maximum excursion before permanent damage		NET Air Volume filled by Loudspeaker	1.9 dm^3 (0.067 ft^3)	EBP	80 Hz
		Spider Profile	1x variable height waves		

