

BG-SERIES

SUBWOOFER TRANSDUCER

BG-12 (CAR SUB)



GENERAL SPECIFICATIONS

Nominal Diameter	320	mm	12.6	Inch
Rated Impedance	4	Ohm		
Power Handling Capacity	200	W(rms)		
Sensitivity 2.83 V, 1M	90.3	dB		
Effective Piston Diameter	250	mm	9.8	Inch
Voice Coil Diameter	51.3	mm	2	Inch

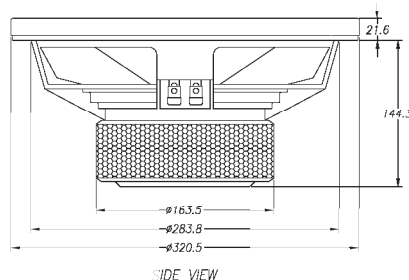
THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	44.7	Hz
DC Resistance	Re	3.6	Ω
Mechanical Q Factor	Qms	11.460	
Electrical Q Factor	Qes	0.426	
Total Q Factor	Qts	0.411	
BL Factor	BL	17.68	TM
Effective Moving Mass	Mms	131.68	gr
Equivalent Gas Air Load	Vas	32.88	Liters
Effective Piston Area	Sd	0.0490	m ²
Voice - Coil Inductance @1KHz	Le	1.60	mH
Half-Space Efficiency	Eff	0.66	%
Airgap Height	Hag	10.0	mm
Voice Coil Height	Hvc	25.0	mm
Voice Coil Over-Hung	Xmax	7.5	mm

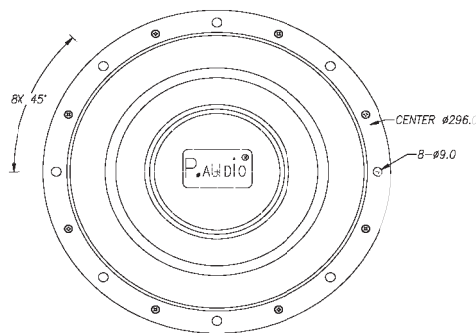
PHYSICAL INFORMATION

Basket	Cast Aluminum
Magnet Type	Ferrite 99.4 oz
Size ODxIDxH (mm)	156 X 80 X 40
Voice Coil Former	Kapton (Polymide) High Temp.400°C
Voice Coil Material	High Temp.300°C Copper Wire
Cone Material	Kevlar
Surround	Rubber
Dust Cap	Polymer Color Black
Net Weight	7.72 Kg/pcs(16.98Lb)
Gross Weight	8.72 Kg/cartom(19.18Lb)
Packing Dimension WxLxH (mm)	350 X 350 X 200 (13.77in X 13.77in X 7.87in) 0.86 Cu.Ft

MOUNTING INFORMATION



SIDE VIEW



TOP VIEW

