

BG-SERIES

SUBWOOFER TRANSDUCER

BG-8 (CAR SUB)



GENERAL SPECIFICATIONS

Nominal Diameter	218 mm	8.6 Inch
Rated Impedance	4 Ohm	
Power Handling Capacity	120 W(rms)	
Sensitivity 2.83 V, 1M	85.8 dB	
Effective Piston Diameter	160 mm	6.3 Inch
Voice Coil Diameter	51.3 mm	2 Inch

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	49.2	Hz
DC Resistance	Re	3.7	Ω
Mechanical Q Factor	Qms	5.826	
Electrical Q Factor	Qes	0.603	
Total Q Factor	Qts	0.547	
BL Factor	BL	9.53	TM
Effective Moving Mass	Mms	47.81	gr
Equivalent Cas Air Load	Vas	12.55	Liters
Effettive Piston Area	Sd	0.0200	m ²
Voice - Coil inductance @1KHz	Le	0.43	mH
Half-Space Efficiency	Eff	0.24	%
Airgap Height	Hag	8.0	mm
Voice Coil Height	Hvc	19.5	mm
Voice Coil Over-Hung	Xmax	5.8	mm

PHYSICAL INFORMATION

Basket	Cast Aluminum
Magnet Type	Ferrite 49.7 oz
	Size ODxDxH (mm)
	156 X 80 X 20
Voice Coil Former	Kapton (Polyimide)
	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	4.8 Kg (10.56Lb)
Gross Weight	5.3 Kg (11.66Lb)
Packing Dimension	
WxLxH (mm)	280 X 280 X 130
	(11.0in X 11.0in x 5.11in)
	0.36 Cu.Ft

MOUNTING INFORMATION

