

G-12B LOW & BASS TRANSDUCER

GENERAL SPECIFICATIONS

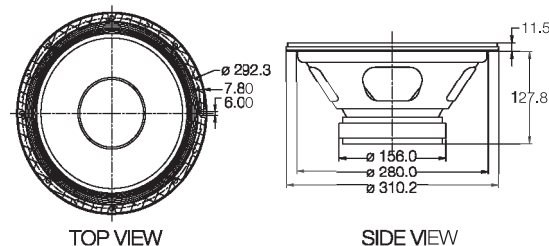
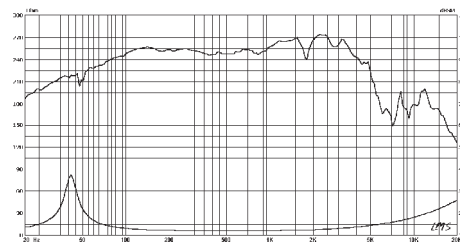
Nominal Diameter	: 305	mm	12	Inch
Rated Impedance	: 8	ohm		
Operating Bandwidth	: 50	Hz	5	kHz
Power Handling Capacity	: 200	W rms		
Sensitivity 2.83 V, 1M	: 97	dB		
Effective Piston Diameter	: 260	mm	10.2	Inch
Voice Coil Diameter	: 51.30	mm	2	Inch

THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	: 41.7	Hz
DC Resistance	Re	: 5.7	ohm
Mechanical Q Factor	Qms	: 5.571	
Electrical Q Factor	Qes	: 0.413	
Total Q Factor	Qts	: 0.385	
BL Factor	BL	: 13.24	TM
Effective Moving Mass	Mms	: 48.48	gr
Equivalent Cas Air Load	Vas	: 120.31	liters
Effective Piston Area	Sd	: 0.0530	m ²
Voice - Coil Inductance @ 1KHz	Le	: 0.37	mH
Half-Space Efficiency	Eff	: 2.04	%
Airgap Height	Hag	: 8.0	mm
Voice coil Height	Hvc	: 12.1	mm
Voice Coil Over-Hung	Xmax	: 2.1	mm

PHYSICAL INFORMATION

Basket	: Black Stamp Steel
Magnet Type	: Ferrite 49.7 oz
Size ODxDxH (mm)	: 156 X 80 X 20
Voice Coil Former	: Kapton Bobbin
	High Temp 400°C
Voice Coil Material	: Copper Clad Aluminium Wire
	High Temp 300 °C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Paper
Damper	: Cotton
Packing Quantity	: 1 Piece / Pack
Net Weight /piece	: 4.21 Kg (9.26Lb)
Gross Weight / piece	: 4.89 Kgs (10.75Lb)
Packing Dimension WxLxH (mm)	: 340 X 340 X 200
	13.3in X 13.3in X 7.8in (0.13Cu.Ft.)



TOP VIEW

SIDE VIEW

G-12F FULL - RANGE TRANSDUCER

GENERAL SPECIFICATIONS

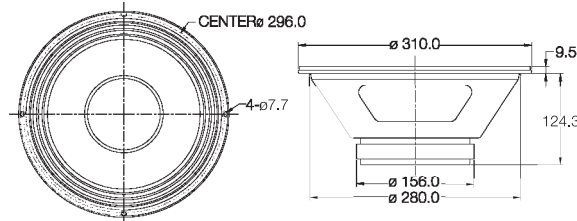
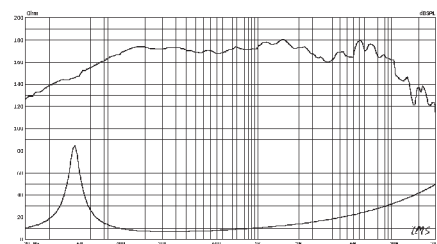
Nominal Diameter	: 305	mm	12	Inch
Rated Impedance	: 8	ohm		
Operating Bandwidth	: 50	Hz	9.5	kHz
Power Handling Capacity	: 100	W rms		
Sensitivity 2.83 V, 1M	: 99	dB		
Effective Piston Diameter	: 260	mm	10.2	Inch
Voice Coil Diameter	: 45.50	mm	1.79	Inch

THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	: 45.3	Hz
DC Resistance	Re	: 5.3	ohm
Mechanical Q Factor	Qms	: 5.383	
Electrical Q Factor	Qes	: 0.384	
Total Q Factor	Qts	: 0.358	
BL Factor	BL	: 12.53	TM
Effective Moving Mass	Mms	: 39.90	gr
Equivalent Cas Air Load	Vas	: 123.50	liters
Effective Piston Area	Sd	: 0.0530	m ²
Voice - Coil Inductance @ 1KHz	Le	: 0.33	mH
Half-Space Efficiency	Eff	: 2.90	%
Airgap Height	Hag	: 8.0	mm
Voice coil Height	Hvc	: 11.5	mm
Voice Coil Over-Hung	Xmax	: 1.8	mm

PHYSICAL INFORMATION

Basket	: Black Stamp Steel
Magnet Type	: Ferrite 49.7 oz
Size ODxDxH (mm)	: 156 X 80 X 20
Voice Coil Former	: Kapton Bobbin
	High Temp 400°C
Voice Coil Material	: Copper Wire
	High Temp 300°C
Cone Material	: Pulp Paper
Surround	: Treated Cloth
Dust Cap	: Paper H Cone
Damper	: Cotton
Packing Quantity	: 1 Piece / Pack
Net Weight /piece	: 4.26 Kg (9.37Lb)
Gross Weight / piece	: 4.82 Kgs (9.41Lb)
Packing Dimension WxLxH (mm)	: 335 X 335 X 175
	13.1in X 13.1in X 6.8in (0.11Cu.Ft.)



TOP VIEW

SIDE VIEW