

G-1244N FULL - RANGE TRANSDUCER

GENERAL SPECIFICATIONS

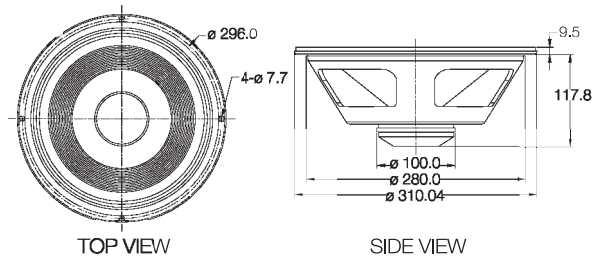
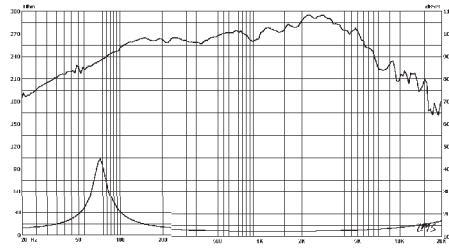
Nominal Diameter	: 305	mm	12	Inch
Rated Impedance	: 8	ohm		
Operating Bandwidth	: 60	Hz	8	kHz
Power Handling Capacity	: 80	W rms		
Sensitivity 2.83 V, 1M	: 100.0	dB		
Effective Piston Diameter	: 260	mm	10.2	Inch
Voice Coil Diameter	: 44.50	mm	2	Inch

THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	: 72.1	Hz
DC Resistance	Re	: 7	ohm
Mechanical Q Factor	Qms	: 4.961	
Electrical Q Factor	Qes	: 0.360	
Total Q Factor	Qts	: 0.336	
BL Factor	BL	: 16.53	TM
Effective Moving Mass	Mms	: 31.05	gr
Equivalent Cas Air Load	Vas	: 62.76	liters
Effective Piston Area	Sd	: 0.0530	m ²
Voice - Coil Inductance @ 1KHz	Le	: 0.15	mH
Half-Space Efficiency	Eff	: 6.32	%
Airgap Height	Hag	: 6.0	mm
Voice coil Height	Hvc	: 10.0	mm
Voice Coil Over-Hung	Xmax	: 2.0	mm

PHYSICAL INFORMATION

Basket	: Black St
Magnet Type	: Neodymium 5.4 oz
Size ODxDxH (mm)	: 100 X 47 X 5
Voice Coil Former	: Kapton Bobbin
	High Temp 400°C
Voice Coil Material	: Copper Wire
	High Temp 300 °C
Cone Material	: Pulp Paper
Surround	: Full Paper
Dust Cap	: Cloth
Damper	: Cloth
Packing Quantity	: 1 Piece / Pack
Net Weight /piece	: 1.98 Kg (4.35Lb)
Gross Weight / piece	: 2.48 Kgs (5.45Lb)
Packing Dimension WxLxH (mm)	: 335 X 335 X 165
	13.1in X 13.1in X 6.4in (0.65Cu.Ft.)



G-1045 FULL - RANGE TRANSDUCER

GENERAL SPECIFICATIONS

Nominal Diameter	: 254	mm	10	Inch
Rated Impedance	: 8	ohm		
Power Handling Capacity	: 80	W rms		
Sensitivity 2.83 V, 1M	: 97.7	dB		
Effective Piston Diameter	: 208	mm	8.2	Inch
Voice Coil Diameter	: 45.50	mm	1.79	Inch

THIELE - SMALL PARAMETERS

Resonance Frequency	Fs	: 91.0	Hz
DC Resistance	Re	: 5.7	ohm
Mechanical Q Factor	Qms	: 8.153	
Electrical Q Factor	Qes	: 0.556	
Total Q Factor	Qts	: 0.521	
BL Factor	BL	: 10.19	TM
Effective Moving Mass	Mms	: 17.69	gr
Equivalent Cas Air Load	Vas	: 28.36	liters
Effective Piston Area	Sd	: 0.0340	m ²
Voice - Coil Inductance @ 1KHz	Le	: 0.56	mH
Half-Space Efficiency	Eff	: 3.72	%
Airgap Height	Hag	: 8.0	mm
Voice coil Height	Hvc	: 9.5	mm
Voice Coil Over-Hung	Xmax	: 0.8	mm

PHYSICAL INFORMATION

Basket	: Black Stamp Steel
Magnet Type	: Ferrite 33.6 oz
Size ODxDxH (mm)	: 134 X 75 X 16.5
Voice Coil Former	: Kapton
Voice Coil Material	: CCAW
Cone Material	: Pulp Paper
Surround	: Full Paper
Spider	: Cotton
Dust Cap	: Cloth
Net Weight /piece	: 3.0 Kg (6.6Lb)
Gross Weight / piece	: 3.5 Kgs (7.7Lb)
Packing Dimension WxLxH (mm)	: 290 X 290 X 160
	11.4in X 11.4in X 6.2in (0.07 Cu.Ft.)

