

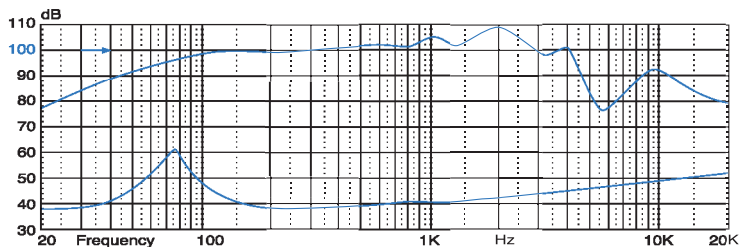
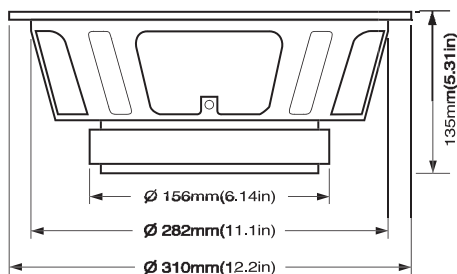
G-1252 FULL - RANGE TRANSDUCER

GENERAL SPECIFICATIONS

Power Rating	: 100~200	Watts
Nominal Chassis Diameter	: 305	mm (12 in)
Nominal Impedance	: 4~8	ohm
Sensitivity (1w/1m)	: 100	dB
Magnet Weight	: 1.41	Kg (49.68 oz)
Resonant Frequency	Fs : 77	Hz
Impedance	Re : 6.5	ohm
Electromagnetic Q	Qes : 0.45	
Mechanical Q	Qms : 7.33	
Total Q	Qts : 0.42	
Compliance Equivalent Volume	VAS : 51.82	Liters
Surface Area of Cone	Sd : 510	cm ²
Reference Efficiency	o : 5.09	%
Voice Coil Overhang	Xmax : 0.75	mm
Diaphragm Mass inc Airload	Mms : 30.31	Gram
BL Product	BL : 13.03	TM
Coil Inductance	Le : 0.51	mH

MATERIALS OF CONSTRUCTION

APS ferrite magnet. Pressed steel chassis. Full paper cone. Cloth dust cap. 2" round copper clad aluminium wire voice coil. Kapton former.



G-1248N FULL - RANGE TRANSDUCER

GENERAL SPECIFICATIONS

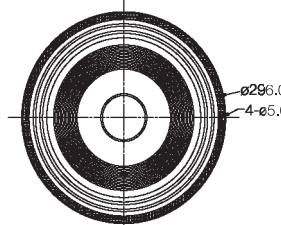
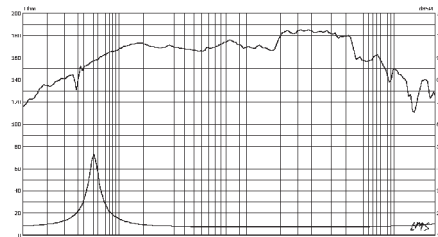
Nominal Diameter	: 305	mm	12	Inch
Rated Impedance	: 8	ohm		
Operating Bandwidth	: 50	Hz	8	KHz
Power Handling Capacity	: 80	W rms		
Sensitivity 2.83 V, 1M	: 98	dB		
Effective Piston Diameter	: 255	mm	10.0	Inch
Voice Coil Diameter	: 45.50	mm	2	Inch

THIELE - SMALL PARAMETERS

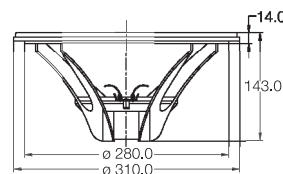
Resonance Frequency	Fs	: 65.7	Hz
DC Resistance	Re	: 7.4	ohm
Mechanical Q Factor	Qms	: 6.969	
Electrical Q Factor	Qes	: 0.720	
Total Q Factor	Qts	: 0.647	
BL Factor	BL	: 12.72	TM
Effective Moving Mass	Mms	: 38.15	gr
Equivalent Cas Air Load	Vas	: 56.98	liters
Effective Piston Area	Sd	: 0.0510	m ²
Voice - Coil Inductance @ 1KHz	Le	: 0.05	mH
Half-Space Efficiency	Eff	: 2.17	%
Airgap Height	Hag	: 8.0	mm
Voice coil Height	Hvc	: 10.5	mm
Voice Coil Over-Hung	Xmax	: 1.3	mm

PHYSICAL INFORMATION

Basket	: Die Cast Aluminium
Magnet Type	: Neodymium 4.0 oz
Size ODxDxH (mm)	: 44 X 0 X 15
Voice Coil Former	: Fiber Glass Bobbin
Voice Coil Material	: Copper Wire
	: High Temp 400°C
	: High Temp 300 °C
Cone Material	: Pulp Paper
Surround	: Full Paper
Dust Cap	: Cloth
Damper	: Cotton Nomex Blend
Packing Quantity	: 1 Piece / Pack
Net Weight /piece	: 1.31 Kg (2.88Lb)
Gross Weight / piece	: 2.01 Kgs (4.42Lb)
Packing Dimension WxLxH (mm)	: 340 X 340 X 200
	: 13.3in X 13.3in X 7.8in (0.82 Cu.Ft.)



TOP VIEW



SIDE VIEW