

GMB-612

Written by Administrator

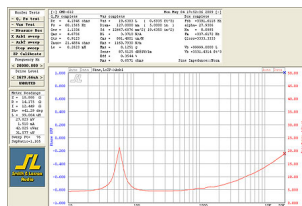
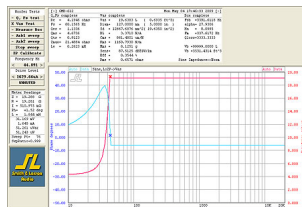
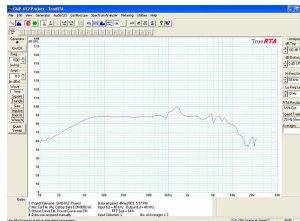
Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59



{rokbox}images/stories/product/gmb612a.jpg{/rokbox}
{rokbox}images/stories/product/gmb612b.jpg{/rokbox}
{rokbox}images/stories/product/gmb612c.jpg{/rokbox}
{rokbox}images/stories/product/gmb612d.jpg{/rokbox}
{rokbox}images/stories/product/gmb612e.jpg{/rokbox}

SPECIFICATIONS

| | |
|---------------------|-----------------|
| Nominal diameter | : 165mm. 6" |
| Nominal Impedance | : 8 ohm. |
| Program Power | : 100w. |
| Frequency range | : 30Hz. – 4KHz. |
| Voice coil diameter | : 25.5mm. |
| Magnet dimension | : 100mm x 20mm |



GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

--- BassBox Pro Version 3.03, Export Thiele-Small Format

--- May 04,2009, Mon 5:46PM

--- GMB-612

--- Parameters marked with ** are not tested using the WT2

--- mechanical ---

| | | |
|---------|---------------------------|--------------------------------|
| Fs | 60.157E+00 Hz | Free air resonance |
| Qms | 4.674E+00 | Q mechanical |
| Vas | 19.638E-03 m ³ | Suspension compliance |
| Cms | 861.480E-06 m/N | 1/(suspension stiffness) |
| Mms | 8.125E-03 kg | Moving mass |
| Rms | 657.111E-03 kg/s | Mechanical resistance |
| Xmax ** | 0.000E+00 m | Maximum acoustic linear motion |
| Xmech** | 0.000E+00 m | Mechanical displacement |
| Dia | 127.000E-03 m | Piston diameter |
| Sd | 12.668E-03 m ² | Piston area |
| Vd ** | 0.000E+00 m ³ | Displacement volume |

--- electrical ---

| | | |
|-------|---------------------|---------------------------|
| Qes | 1.134E+00 | Q electrical |
| Re | 4.195E+00 ohms | Voice coil DC resistance |
| Le | 262.281E-06 Henries | Inductance @1 kHz |
| Z | 5.609E+00 ohms | Impedance @1 kHz |
| BL | 3.371E+00 Tm | Motor force - Newtons/Amp |
| Pe ** | 0.000E+00 W | Max Electrical Power |

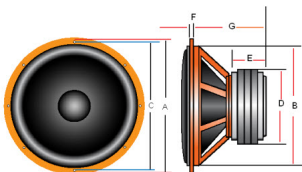
--- electro-mechanical ---

| | | |
|-----------|---------------|----------------------------------|
| Qts | 912.313E-03 | Q total |
| no | 354.361E-03 % | 1/2-space ref efficiency @ 1m/1W |
| 1-W SPL | 87.512E+00 dB | sensitivity at 1m on-axis |
| 2.83V SPL | 90.316E+00 dB | sensitivity at 1m on-axis |

--- motor constants ---

| | | |
|-----|-------------------|------------------------------------|
| Krm | 149.054E-06 ohms | constant resistive motor impedance |
| Erm | 946.545E-03 | exponent resistive motor impedance |
| Kxm | 5.490E-03 Henries | constant reactive motor impedance |
| Exm | 659.143E-03 | exponent reactive motor impedance |

--- End BassBox Pro Export ---



GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

Model

A

B

C

D

E

F

G

GMB-612

166mm.

143mm.

155mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

100mm.

28mm.

4mm.

70mm.

GMB-615

166mm.

143mm.

155mm.

100mm.

28mm.

4mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

70mm.

GML-836

205mm.

183mm.

195mm.

120mm.

40mm.

5mm.

97mm.

GPA-1033

257mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

233mm.

248mm.

120mm.

40mm.

5mm.

100mm.

GPA-1036

257mm.

233mm.

248mm.

120mm.

40mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

5mm.

100mm.

GPA-1239

306mm.

266mm.

290mm.

120mm.

40mm.

5mm.

120mm.

GPA-1245

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

306mm.

283mm.

290mm.

140mm.

35mm.

5mm.

120mm.

GPA-1250

315mm.

280mm.

295mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

156mm.

40mm.

5mm.

130mm.

GPA-1277ND

320mm.

283mm.

295mm.

65mm.

10mm.

130mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

GPA-1550

392mm.

358mm.

375mm.

156mm.

40mm.

5mm.

155mm.

GPA-1564

392mm.

358mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

375mm.

180mm.

40mm.

5mm.

155mm.

GPA-1575

392mm.

358mm.

375mm.

180mm.

45mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

5mm.

160mm.

GPA-1580

397mm.

360mm.

380mm.

156mm.

45mm.

15mm.

148mm.

GPA-1899

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

460mm.

435mm.

445mm.

220mm.

65mm.

7mm.

210mm.

GPA-18100

476mm.

423mm.

448mm.

220mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

80mm.

10mm.

215mm.

GPA-18125

476mm.

423mm.

448mm.

270mm.

80mm.

10mm.

221mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

GPA-2199

540mm.

493mm.

517mm.

220mm.

80mm.

10mm.

250mm.

GPA-2125

540mm.

493mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

517mm.

270mm.

65mm.

10mm.

240mm.

GPA-2155

545mm.

497mm.

520mm.

300mm.

110mm.

15mm.

GMB-612

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 03:59

280mm.