



Article number

931283

Zachry BX-P12

12" Woffler

2004-06-08

Thiele Small Parameters:

| | | | |
|-----------------------|-----|--------|-----------------|
| Voice coil resistance | Rdc | | Ohm |
| Voice coil inductance | Le | | mH |
| Linear excursion | Xma | | +/- mm |
| Impedance | Z | 2x4 | Ohm |
| Free air resonance | Fs | 29 | Hz |
| Suspension compliance | Cms | | mm/N |
| Moving mass | Mms | | g |
| Mechanical resistance | Rms | | kg/s |
| Mechanical Q factor | Qms | | |
| Electrical Q factor | Qes | | |
| Total Q factor | Qts | 0,56 | |
| Force factor | Bl | | N/A |
| Equivalent volume | Vas | 56 | ltrs |
| Sensitivity | SPL | 89 | dB |
| Frequency range | | 25-300 | Hz |
| Cone area | Sd | | cm ² |
| Cone displacement | Vd | | cm ³ |

Dimension:

| | | |
|-----------------|-----|----|
| Outher diameter | 324 | mm |
| Mounting cutout | 285 | mm |
| Mounting dept | 175 | mm |

Magnet, Cone and Voice Coil parameters:

| | | |
|-----------------------------|------|-------|
| Total weight | 10,6 | kg |
| Frame material | | |
| Cone material | | |
| Surround material | | |
| Surround type | | |
| Magnet mass | 2x70 | Oz |
| Magnet diameter | | mm |
| Magnet flux density | | Gauss |
| Air gap height | | mm |
| Spider | | |
| Voice coil former material | | |
| Voice coil wire material | | |
| Number of voice coil layers | 4 | |
| Voice coil diameter | 3 | inch |
| Voice coil winding height | | mm |
| Vented voice coil | | |

Power handling:

| | | |
|--------------------|-----|------|
| Power handling IEC | | Watt |
| Power handling DIN | | Watt |
| Power handling RMS | | Watt |
| Power handling MAX | 800 | Watt |

Recommended enclosure:

| No. of Elements | Net volume | Number of ports | Port diameter | Port length | Tuning Freq. | Fb - 6 dB |
|-----------------|------------|-----------------|---------------|-------------|--------------|-----------|
| 1 | 33 ltr | Closed | | | | 35 Hz |
| 2 | 66 ltr | Closed | | | | 35 Hz |
| 1 | 47 ltr | 2 | 68 mm | 150 mm | 40 Hz | 30 Hz |
| 1 | 60 ltr | 2 | 68 mm | 150 mm | 35 Hz | 27 Hz |
| 1 | 35 ltr | 1 | 68 mm | 150 mm | 39 Hz | 33 Hz |
| 2 | 94 ltr | 2 | 68 mm | 50 mm | 34 Hz | 27 Hz |
| 2 | 70 ltr | 2 | 68 mm | 100 mm | 36 Hz | 33 hz |