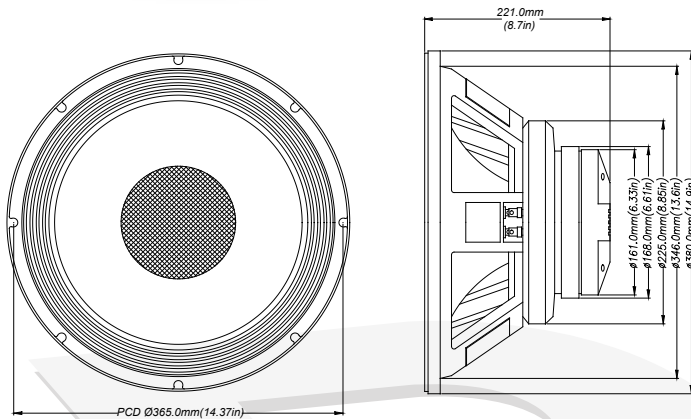




SINCE 1991

The Ultimate Speaker

BM-15CX38



Application

| | |
|-------------|-----------|
| Series Name | BM-Series |
| Model Name | BM-15CX38 |
| Code Number | 42015048 |

General Specifications

| | |
|---------------------------|--------------------|
| Nominal Diameter | 380 mm (15.0 inch) |
| Rated Impedance | 8 Ohm |
| Power Handling Capacity | 600 W |
| Sensitivity 2.83 V, 1M | 98 dB |
| Effective Piston Diameter | 325 mm (12.8 inch) |
| Voice Coil Diameter | 99.30 mm (4 inch) |

Thiele & Small Parameters

| | | |
|-------------------------------------|------------------|-----------------------|
| Resonance Frequency | F _s | 42.9 Hz |
| DC Resistance | R _e | 6.9 Ohm |
| Mechanical Q Factor | Q _{ms} | 8.403 |
| Electrical Q Factor | Q _{es} | 0.322 |
| Total Q Factor | Q _{ts} | 0.310 |
| BL Factor | BL | 19.87 T x m |
| Effective Moving Mass | M _{ms} | 68.33 g |
| Equivalent C _{as} air load | V _{as} | 196.50 liters |
| Effective piston area | S _d | 0.0830 m ² |
| Voice - coil inductance@ 1KHz | Le _{1k} | 1.05 mH |
| Half -space efficiency | Eff | 4.67 % |
| Airgap Height | H _{ag} | 8.0 mm |
| Voice coil Height | H _{vc} | 17.0 mm |
| Voice Coil Over - Hung | X _{max} | 4.5 mm |

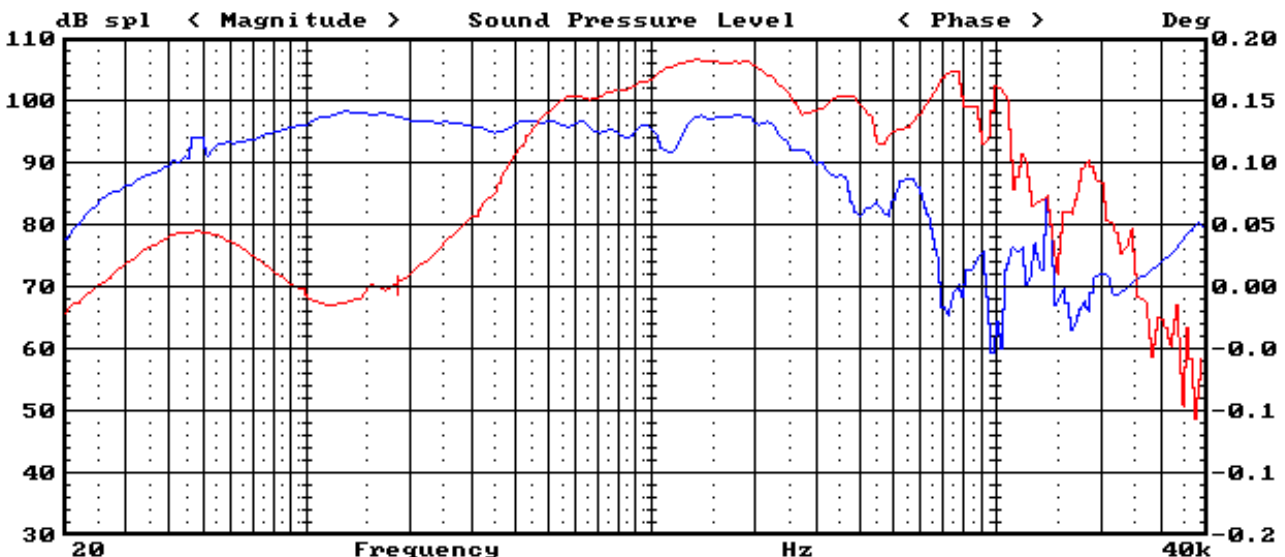
HF Unit

| | |
|----------------------|-------------------|
| Power Capacity (RMS) | 100 W |
| Sensitivity 1W / 1M | 109 dB |
| Frequency Range | 500 -18K Hz |
| Voice coil Diameter | 72.2 mm 2.84 inch |
| Diaphragm Material | Titanium |
| Dispersion Pattern | 90° x 90° |

Physical Information

| | |
|---------------------------------|------------------------------------|
| Basket | Cast Aluminium |
| Magnet type,size ODxDxH(mm) | Ferrite 100.5 oz 220 x 110 x 20 mm |
| Voice coil Former | Fiber Glass |
| Voice coil Material | ALR |
| Cone Material | Pulp Paper |
| Surround | Treated Cloth |
| Dust Cap | Porous Cloth |
| Unit Weight | 14.91 Kg |
| Gross Weight | 15.93 Kg |
| Packing Dimension W x L x H(cm) | 44.0 x 44.0 x 28.0 Vol. 1.91 Cu.Ft |

Frequency Response



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