

# Signature

Guy Bonneville

# BLAM

DRIVEN BY PASSION

## MS 3.55

### High-efficiency midrange driver

- Extended frequency, can be use as full range
- Frequency Response 200 Hz - 27 KHz

Recommended enclosure

0,3 litres

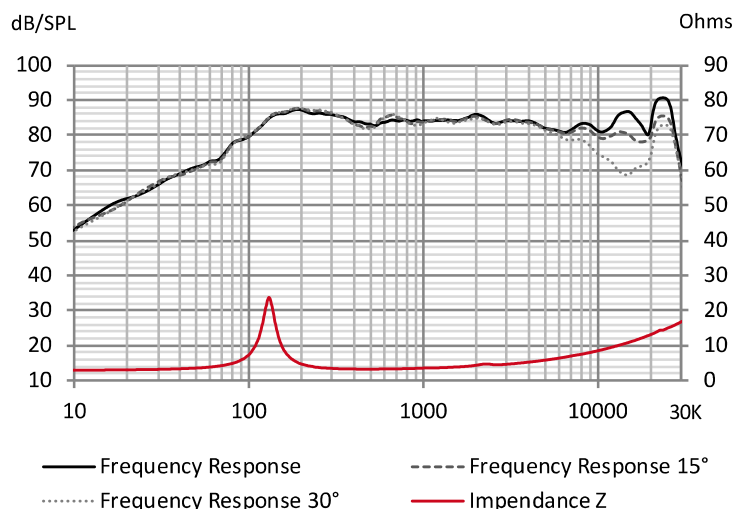
1,9 litres

Die cast aluminium basket - Ultra rigid carbon fiber cone - NBR surround - Long life « conex » spider - 20 mm Voice Coil, fiber glass former - 55 mm x 10 mm Oversized Magnetic motor - Machined aluminum phase plug - Gold-plated terminal.

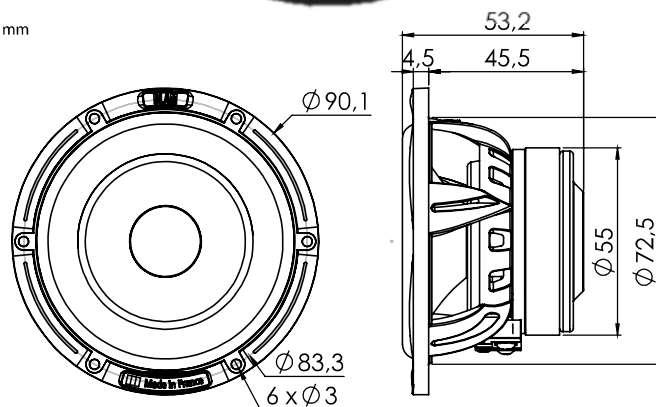
#### TECHNICAL SPECIFICATIONS

|                           |                 |                  |
|---------------------------|-----------------|------------------|
| Component                 | Midrange        |                  |
| Max power                 | 100 W           |                  |
| Nominal power             | 25 W            |                  |
| Impedance                 | 3 Ω             |                  |
| Freq. Response            | 200 Hz - 27 KHz |                  |
| Sensitivity (2,83V/1m)    | 88 dB           |                  |
| Magnet                    | Ferrite         |                  |
| Magnet size Ø x h         | 55 x 10 mm      | 2,165" x 0,394 " |
| Total driver displacement | 0,060 l         | 0,002 cf         |
| Weight of one component   | 0,326 kg        | 0,723 lb         |
| Voice coil Ø              | 20 mm           | 0,787"           |
| Voice coil height         | 6 mm            | 0,236"           |
| Cone                      | Carbon fiber    |                  |

#### FREQUENCY RESPONSE / IMPEDANCE



Unit : mm



#### THIELE-SMALL PARAMETERS

|                      |                       |
|----------------------|-----------------------|
| effective Ø (d)      | 61 mm                 |
| Sd                   | 29,22 cm <sup>2</sup> |
| Xmax                 | 1 mm                  |
| Re                   | 3 Ω                   |
| Fs                   | 129,93 Hz             |
| Le                   | 58,18 µH @ 1 kHz      |
| L2                   | 134,68 µH @10 kHz     |
| Vas                  | 0,80 L                |
| Mms                  | 2,24 g                |
| Cms                  | 0,000671 m/N          |
| BL                   | 2,40 Tm               |
| Qts                  | 0,89                  |
| Qes                  | 1,04                  |
| Qms                  | 6,41                  |
| Sensitivity (dB/W/m) | 83,8 dB               |

#### RECOMMENDED ENCLOSURES

| Internal volume Vb | Resonance frequency | Qtc   | F-3dB  | Boost            |
|--------------------|---------------------|-------|--------|------------------|
| 0,3 L              | 248                 | 1,713 | 171 Hz | 5,0 dB at 270 Hz |
| 1,9 L              | 155                 | 1,067 | 119 Hz | 1.6 dB at 207 Hz |

contact@blam-audio.fr

www.facebook.com/blamaudio

www.blam-audio.com