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**MOJO**  
**PRO**

## MOJO PRO SUBWOOFER SPECS

|                                                | UNITS | MJP1022        | MJP1044        | MJP1222        | MJP1244        | MJP1522        | MJP1544        |
|------------------------------------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>THIELE SMALL PARAMETERS</b>                 |       |                |                |                |                |                |                |
| Resonant Frequency (fs)                        | Hz    | 35.3           | 39.3           | 30.8           | 36.7           | 33.6           | 31.2           |
| Mechanical Q (Qms)                             |       | 6.19           | 6.014          | 6.69           | 7.217          | 7.95           | 6.558          |
| Electrical Q (Qes)                             |       | 0.63           | 0.682          | 0.594          | 0.764          | 0.823          | 0.727          |
| Total Q (Qts)                                  |       | 0.571          | 0.613          | 0.545          | 0.69           | 0.746          | 0.65           |
| Sensitivity                                    | dB    | 82.6           | 83.77          | 85.15          | 85.68          | 87             | 88             |
| Xmax Linear                                    | in.   | 0.51           | 0.51           | 0.51           | 0.51           | 0.51           | 0.51           |
| Displacement                                   | cf.   | 0.12           | 0.12           | 0.16           | 0.16           | 0.29           | 0.29           |
| Air Volume of Suspension (Vas)                 | cf.   | 0.58           | 0.52           | 1.47           | 1.09           | 2.31           | 2.93           |
| Moving Mass (Mms)                              | g     | 227.38         | 205.65         | 255.75         | 241.3          | 334.4          | 305.92         |
| Suspension Compliance (Cms)                    | mmN   | 0.09           | 0.08           | 0.104          | 0.078          | 0.067          | 0.085          |
| Effective Piston area (Sd)                     | SqCm  | 359.68         | 359.68         | 530.93         | 530.93         | 829.58         | 829.58         |
| Motor Strength (Bl)                            | TM    | 8.96           | 11.37          | 9.165          | 11.23          | 9.3            | 12             |
| DC Resistance                                  | Ohms  | 1              | 1.74           | 1              | 1.73           | 1              | 1.75           |
| <b>VOICE COIL &amp; MAGNET</b>                 |       |                |                |                |                |                |                |
| Impedance Series                               | ohms  | 4              | 8              | 4              | 8              | 4              | 8              |
| Impedance Parallel                             | ohms  | 1              | 2              | 1              | 2              | 1              | 2              |
| Voice Coil Diameter                            | in.   | 2.5            | 2.5            | 2.5            | 2.5            | 2.5            | 2.5            |
| RMS Power                                      | watts | 750            | 750            | 750            | 750            | 750            | 750            |
| Peak Power                                     | watts | 1500           | 1500           | 1500           | 1500           | 1500           | 1500           |
| Magnet Weight                                  | oz    | 120            | 120            | 120            | 120            | 120            | 120            |
| Magnet Diameter                                | in.   | 6.69           | 6.69           | 6.69           | 6.69           | 6.69           | 6.69           |
| <b>PHYSICAL DIMENSIONS</b>                     |       |                |                |                |                |                |                |
| Mounting Depth                                 | in.   | 5.72           | 5.72           | 6.23           | 6.23           | 7.88           | 7.88           |
| Cutout Diameter                                | in.   | 9.45           | 9.45           | 11.34          | 11.34          | 13.84          | 13.84          |
| Frame Outside Diameter                         | in.   | 11.23          | 11.23          | 12.94          | 12.94          | 15.9           | 15.9           |
| <b>ENCLOSURE RECOMMENDATIONS *GROSS VOLUME</b> |       |                |                |                |                |                |                |
| Single Sub Sealed                              | cf.   | 0.75           | 0.75           | 1.5            | 1.5            | 2.6            | 2.6            |
| Dual Subs Sealed                               | cf.   | 1.5            | 1.5            | 2.7            | 2.7            | 5              | 5              |
| Single Sub Vented                              | cf.   | 1.6            | 1.6            | 2.5            | 2.5            | 4.4            | 4.4            |
| Port Dimensions                                | in.   | 4" x 3" x 20"L | 4" x 3" x 20"L | 5" x 5" x 27"L | 5" x 5" x 27"L | 7" x 6" x 28"L | 7" x 6" x 28"L |
| Tuning Frequency                               | Hz    | 37             | 37             | 36             | 36             | 34             | 34             |
| Dual Sub Vented                                | cf.   | 2.8            | 2.8            | 4.6            | 4.6            | 8.5            | 8.5            |
| Port Dimensions                                | in.   | 5" x 5" x 22"L | 5" x 5" x 22"L | 7" x 6" x 23"L | 7" x 6" x 23"L | 9" x 9" x 22"L | 9" x 9" x 22"L |
| Tuning Frequency                               | Hz    | 37             | 37             | 36             | 36             | 34             | 34             |