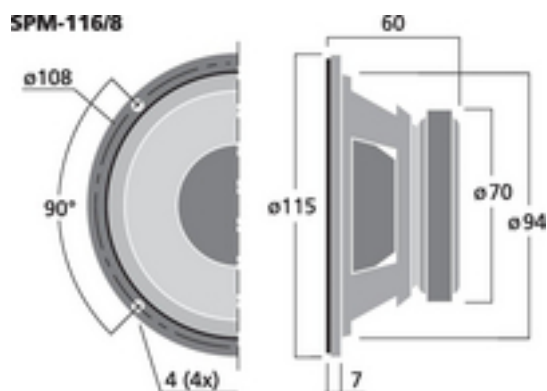
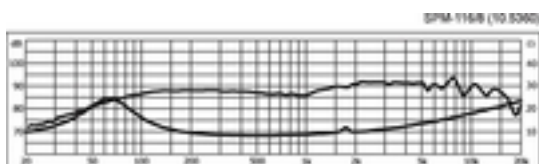


## SPM-116/8 - HiFi Woofer



Hi-fi bass-midrange speaker, 40 W, 8 Ohm

- Excellent replacement speaker of the same quality as from the original equipment manufacturer
- Low-resonance paper cone
- Long-term stable rubber surround
- Also very well-suited for use as a full range speaker

HOBBY HiFi 06/2019

“A bass-midrange speaker of an appealing design which can even be used as a full range speaker when applying careful frequency-response correction.”

## Technical data:

|                                           |                                                               |
|-------------------------------------------|---------------------------------------------------------------|
| Impedance (Z)                             | : 8 Ohm                                                       |
| Transmission technology                   | : -                                                           |
| Frequency range                           | : f3-18,000 Hz                                                |
| Resonant frequency (fs)                   | : 75 Hz                                                       |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                                                           |
| Power rating (RMS)                        | : 40 W                                                        |
| Peak music power output (MAX)             | : 80 W                                                        |
| SPL                                       | : 87 dB/W/m                                                   |
| Max. rated SPL                            | : -                                                           |
| Max. voltage                              | : -                                                           |
| Radiation angle                           | : -                                                           |
| Radiation angle, horizontal               | : -                                                           |
| Radiation angle, vertical                 | : -                                                           |
| Suspension compl. (Cms)                   | : 0.98 mm/N                                                   |
| Moving mass (Mms)                         | : 3.8 g                                                       |
| Mech. Q factor (Qms)                      | : 1.9                                                         |
| Electr. Q factor (Qes)                    | : 0.81                                                        |
| Total Q factor (Qts)                      | : 0.57                                                        |
| Equivalent volume (Vas)                   | : 4.5 l                                                       |
| DC resistance (Re)                        | : 7.2 Ohm                                                     |
| Force factor (BxL)                        | : 4.20 Tm                                                     |
| Voice coil induct. (Le)                   | : 0.4 mH                                                      |
| Voice coil diameter                       | : $\tilde{\text{A}} \sim 20.5 \text{ mm}$                     |
| Voice coil former                         | : aluminium                                                   |
| Linear excursion ( $X_{\text{MAX}}$ )     | : $\pm 1.5 \text{ mm}$                                        |
| Eff. cone area (Sd)                       | : 57 cm <sup>2</sup>                                          |
| Magnet weight                             | : 230 g                                                       |
| Magnet diameter                           | : $\tilde{\text{A}} \sim 70 \text{ mm}$                       |
| Mounting cutout                           | : $\tilde{\text{A}} \sim 94 \text{ mm}$                       |
| Mounting depth                            | : 53 mm                                                       |
| Mounting hole diameter                    | : $\tilde{\text{A}} \sim 108 \text{ mm}$                      |
| Hole spacing X-axis                       | : -                                                           |
| Hole spacing Y-axis                       | : -                                                           |
| Dimensions                                | : $\tilde{\text{A}} \sim 115 \text{ mm} \times 60 \text{ mm}$ |
| Outside diameter                          | : $\tilde{\text{A}} \sim 115 \text{ mm}$                      |

|                                |                        |
|--------------------------------|------------------------|
| Width                          | : Å~ 115 mm            |
| Height                         | : -                    |
| Depth                          | : 60 mm                |
| Colour                         | : black                |
| Protective class               | : -                    |
| Admiss. ambient temp.          | : 0-40 °C              |
| Weight                         | : 0.557 kg             |
| Packing unit                   | : 1                    |
| Type of speaker                | : 4"                   |
| Packing dimensions (W x H x L) | : 0.12 x 0.07 x 0.12 m |
| Gross weight                   | : 0.59 kg              |
| Net weight                     | : 0.557 kg             |
| Low-impedance                  | : 1                    |