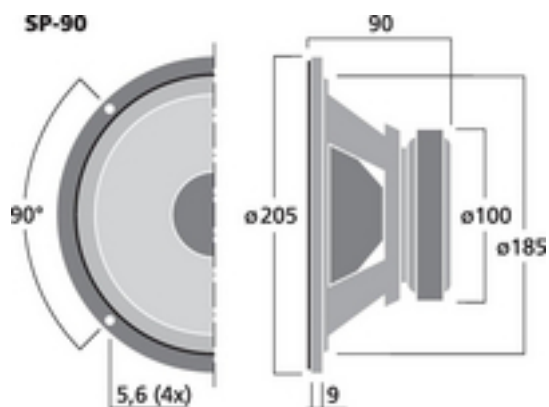
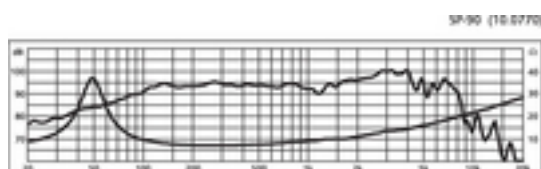


## SP-90 - Woofer



Universal bass speaker, 35 W, 8 Ohm

- Soft suspension
- For general bass applications

## Tekniset tiedot:

|   |                                 |
|---|---------------------------------|
| Impedance (Z)                             | : 8 Ohm                         |
| Transmission method                       | : -                             |
| Frequency range                           | : f3-8,000 Hz                   |
| Resonant frequency (fs)                   | : 45 Hz                         |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                             |
| Power rating (RMS)                        | : 35 W                          |
| Peak music power output (MAX)             | : 70 W                          |
| Sensitivity                               | : 92 dB/W/m                     |
| Max. rated SPL                            | : -                             |
| Max. voltage                              | : -                             |
| Radiation angle, horizontal               | : -                             |
| Radiation angle, vertical                 | : -                             |
| Suspension compl. (Cms)                   | : 0.8 mm/N                      |
| Moving mass (Mms)                         | : 17 g                          |
| Mech. Q factor (Qms)                      | : 3.36                          |
| Electr. Q factor (Qes)                    | : 0.68                          |
| Total Q factor (Qts)                      | : 0.57                          |
| Equivalent volume (Vas)                   | : 42 l                          |
| DC resistance (Re)                        | : 6.5 Ohm                       |
| Force factor (BxL)                        | : -                             |
| Voice coil induct. (Le)                   | : 0.5 mH                        |
| Voice coil diameter                       | : $\tilde{\sim}$ 25 mm          |
| Voice coil former                         | : aluminium                     |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 2 mm                    |
| Eff. cone area (Sd)                       | : 210 cm <sup>2</sup>           |
| Magnet weight                             | : 380 g                         |
| Magnet diameter                           | : $\tilde{\sim}$ 100 mm         |
| Mounting cutout                           | : $\tilde{\sim}$ 185 mm         |
| Mounting depth                            | : 81 mm                         |
| Mounting hole diameter                    | : $\tilde{\sim}$ 192 mm         |
| Hole spacing X-axis                       | : 135 mm                        |
| Hole spacing Y-axis                       | : 135 mm                        |
| Dimensions                                | : $\tilde{\sim}$ 205 mm x 90 mm |
| Outside diameter                          | : $\tilde{\sim}$ 205 mm         |
| Width                                     | : $\tilde{\sim}$ 205 mm         |



|                       |            |
|-----------------------|------------|
| Height                | : -        |
| Depth                 | : 90 mm    |
| Protective class      | : -        |
| Admiss. ambient temp. | : 0-40 °C  |
| Weight                | : 1.223 kg |
| Packing unit          | : 1        |
| Type of speaker       | : 8"       |