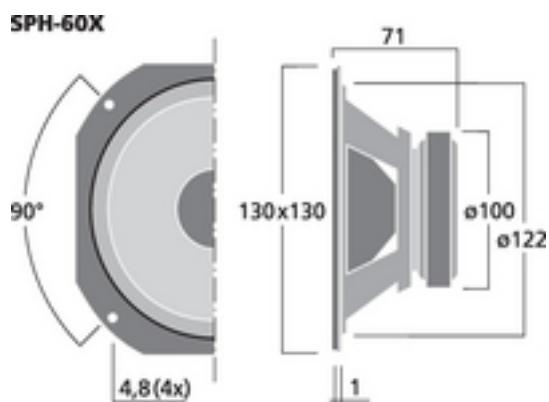
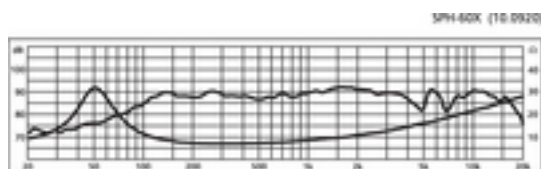


## SPH-60X - HiFi Full Range



Full range speaker, 30 W, 8 Ohm

- Drilled pole core
- Very good frequency response linearity also in the high frequency range
- For general applications
- Speaker from the successful building concepts CT193 and CT194 of the magazine Klang+Ton

Klang+Ton 02/2019

"We highly recommend this excellent standard full range speaker with a set of parameters very well suited for practical applications."



(Speaker building concept Cheap Trick 302)

## Tekniske data

|   |                              |
|---|------------------------------|
| Impedance (Z)                             | : 8 Ohm                      |
| Transmission method                       | : -                          |
| Frequency range                           | : f3-20,000 Hz               |
| Resonant frequency (fs)                   | : 60 Hz                      |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                          |
| Power rating (RMS)                        | : 30 W                       |
| Peak music power output (MAX)             | : 60 W                       |
| Sensitivity                               | : 89 dB/W/m                  |
| Max. rated SPL                            | : -                          |
| Max. voltage                              | : -                          |
| Radiation angle, horizontal               | : -                          |
| Radiation angle, vertical                 | : -                          |
| Suspension compl. (Cms)                   | : 1.19 mm/N                  |
| Moving mass (Mms)                         | : 5.9 g                      |
| Mech. Q factor (Qms)                      | : 2.17                       |
| Electr. Q factor (Qes)                    | : 0.53                       |
| Total Q factor (Qts)                      | : 0.42                       |
| Equivalent volume (Vas)                   | : 9 l                        |
| DC resistance (Re)                        | : 6.2 Ohm                    |
| Force factor (BxL)                        | : 5.10 Tm                    |
| Voice coil induct. (Le)                   | : 0.4 mH                     |
| Voice coil diameter                       | : $\varnothing \sim 25.5$ mm |
| Voice coil former                         | : aluminium                  |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm 1.3$ mm               |
| Eff. cone area (Sd)                       | : 80 cm <sup>2</sup>         |
| Magnet weight                             | : 370 g                      |
| Magnet diameter                           | : $\varnothing \sim 100$ mm  |
| Mounting cutout                           | : $\varnothing \sim 122$ mm  |
| Mounting depth                            | : 70 mm                      |
| Mounting hole diameter                    | : -                          |
| Hole spacing X-axis                       | : -                          |
| Hole spacing Y-axis                       | : -                          |
| Dimensions                                | : 130 x 130 x 71 mm          |
| Outside diameter                          | : -                          |
| Width                                     | : 130 mm                     |



|                       |           |
|-----------------------|-----------|
| Height                | : 130 mm  |
| Depth                 | : 71 mm   |
| Protective class      | : -       |
| Admiss. ambient temp. | : 0-40 °C |
| Weight                | : 1.07 kg |
| Packing unit          | : 1       |
| Type of speaker       | : 5"      |