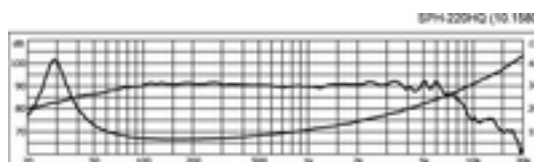
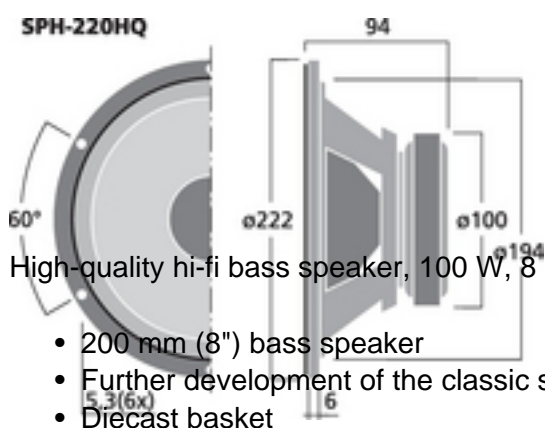


SPH-220HQ - HiFi Woofer



High-quality hi-fi bass speaker, 100 W, 8 Ohm

- 200 mm (8") bass speaker
- Further development of the classic speaker SPH-212
- Diecast basket
- Rear-ventilated centering spider and drilled pole core for minimum mechanical loss
- High-quality coated paper cone of low resonance
- Low-loss rubber surround
- Wide and linear radiation range
- Ideally suited for 3-way systems and also suitable for traditional 2-way systems in an application range of up to 2,000 Hz and beyond

HOBBY HIFI 04/2013

"Excellent sound, powerful bass reproduction and good level stability. It features an outstanding frequency response with perfect linearity. The SPH-220HQ allows for an exceptionally efficient radiation and even the use of a first-order crossover network for an ideal sound."

Tekniset tiedot:

| | |
|---|---------------------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission method | : - |
| Frequency range | : f3-4,000 Hz |
| Resonant frequency (fs) | : 30 Hz |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : - |
| Power rating (RMS) | : 100 W |
| Peak music power output (MAX) | : 180 W |
| Sensitivity | : 90 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : 1.06 mm/N |
| Moving mass (Mms) | : 24.7 g |
| Mech. Q factor (Qms) | : 3.06 |
| Electr. Q factor (Qes) | : 0.46 |
| Total Q factor (Qts) | : 0.40 |
| Equivalent volume (Vas) | : 80 l |
| DC resistance (Re) | : 6.1 Ohm |
| Force factor (BxL) | : 7.63 Tm |
| Voice coil induct. (Le) | : 0.9 mH |
| Voice coil diameter | : $\tilde{\sim}$ 37 mm |
| Voice coil former | : aluminium |
| Linear excursion (X _{MAX}) | : \pm 5.5 mm |
| Eff. cone area (Sd) | : 232 cm ² |
| Magnet weight | : 550 g |
| Magnet diameter | : $\tilde{\sim}$ 100 mm |
| Mounting cutout | : $\tilde{\sim}$ 194 mm |
| Mounting depth | : 88 mm |
| Mounting hole diameter | : $\tilde{\sim}$ 212 mm |
| Hole spacing X-axis | : - |
| Hole spacing Y-axis | : - |
| Dimensions | : $\tilde{\sim}$ 222 mm x 94 mm |
| Outside diameter | : $\tilde{\sim}$ 222 mm |
| Width | : $\tilde{\sim}$ 222 mm |



| | |
|-----------------------|-----------|
| Height | : - |
| Depth | : 94 mm |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 1.83 kg |
| Packing unit | : 1 |
| Type of speaker | : 8" |