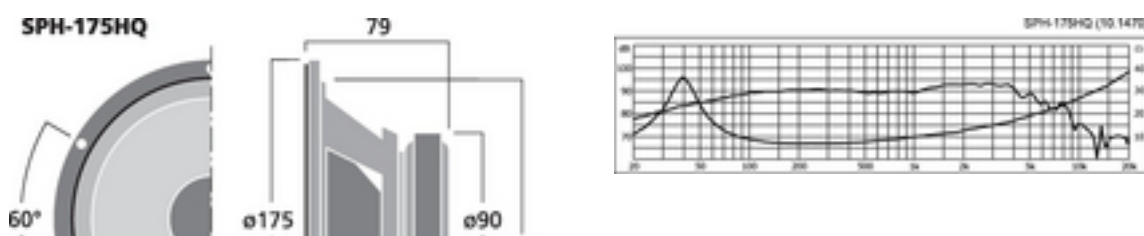


SPH-175HQ - HiFi Woofer



High-quality hi-fi bass-midrange speaker, 70 W, 8 Ohm

- 175 mm (6 3/4") bass-midrange speaker
- Further development of the classic speaker SPH-176
- Diecast basket
- Rear-ventilated centering spider for minimum mechanical loss
- Scooped, air-dried, low-resonance paper cone
- Low-loss rubber surround
- Wide and linear radiation range
- Ideal parameters for bass-reflex systems

Klang+Ton 06/2014

“Used in the speaker building concept MonaLisa: usually rather unobtrusive with a harmonised tuning, this speaker can still show an impressive performance, even at very high volume levels and when listening over longer periods of time. It provides a powerful bass and midrange reproduction and features an elegance which can only be realised with high-quality materials.”



HOBBY HiFi 03/2014

“An exceptionally high-quality radiation without any cone resonance.”

Tekniske data

| | |
|---|---------------------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission method | : - |
| Frequency range | : f3-4,000 Hz |
| Resonant frequency (fs) | : 39 Hz |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : - |
| Power rating (RMS) | : 70 W |
| Peak music power output (MAX) | : 120 W |
| Sensitivity | : 89 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : 1.2 mm/N |
| Moving mass (Mms) | : 13.9 g |
| Mech. Q factor (Qms) | : 2.57 |
| Electr. Q factor (Qes) | : 0.5 |
| Total Q factor (Qts) | : 0.42 |
| Equivalent volume (Vas) | : 33.0 l |
| DC resistance (Re) | : 6.5 Ohm |
| Force factor (BxL) | : 6.40 Tm |
| Voice coil induct. (Le) | : 0.71 mH |
| Voice coil diameter | : $\tilde{\sim}$ 25 mm |
| Voice coil former | : aluminium |
| Linear excursion (X _{MAX}) | : \pm 5.5 mm |
| Eff. cone area (Sd) | : 140 cm ² |
| Magnet weight | : 450 g |
| Magnet diameter | : $\tilde{\sim}$ 90 mm |
| Mounting cutout | : $\tilde{\sim}$ 152 mm |
| Mounting depth | : 73 mm |
| Mounting hole diameter | : $\tilde{\sim}$ 165 mm |
| Hole spacing X-axis | : - |
| Hole spacing Y-axis | : - |
| Dimensions | : $\tilde{\sim}$ 175 mm x 79 mm |
| Outside diameter | : $\tilde{\sim}$ 175 mm |
| Width | : $\tilde{\sim}$ 175 mm |



| | |
|-----------------------|-----------|
| Height | : - |
| Depth | : 79 mm |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 1.31 kg |
| Packing unit | : 1 |
| Type of speaker | : 6.75" |