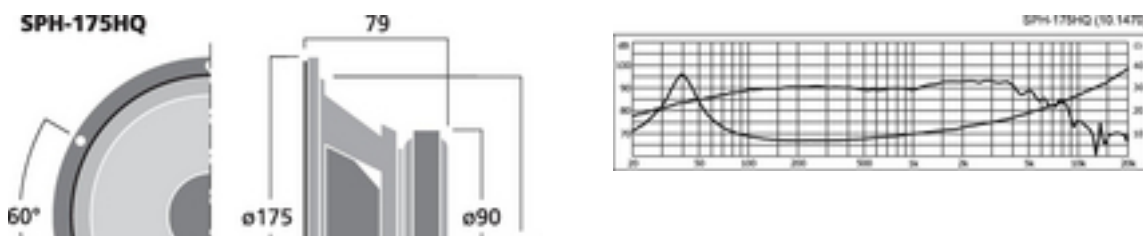


SPH-175HQ - HiFi Woofer



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.”

Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
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
SPL	: 89 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
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{A} 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{A} 90 mm
Mounting cutout	: \tilde{A} 152 mm
Mounting depth	: 73 mm
Mounting hole diameter	: \tilde{A} 165 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: \tilde{A} 175 mm x 79 mm
Outside diameter	: \tilde{A} 175 mm

Width	: Å~ 175 mm
Height	: -
Depth	: 79 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.31 kg
Packing unit	: 1
Type of speaker	: 6.75"
Packing dimensions (W x H x L)	: 0.2 x 0.15 x 0.2 m
Gross weight	: 1.57 kg
Net weight	: 1.31 kg
Low-impedance	: 1