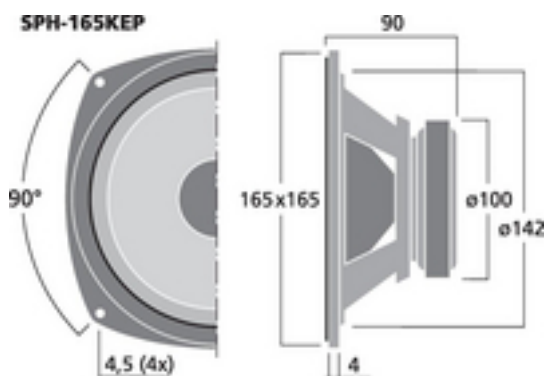
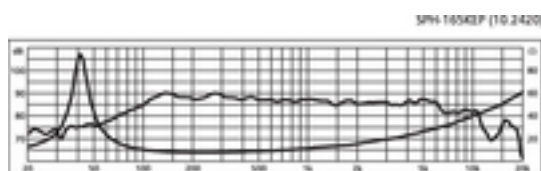


## SPH-165KEP - HiFi Woofer



Hi-fi bass-midrange speaker, 60 W, 8 Ohm

- High-tech speaker
- Diecast aluminium basket
- Kevlar cone
- Phase plug
- Optimum transient response
- Resonance-free
- High thermal capability
- A very linear and wide bandwidth radiation
- Excellent bass-midrange speaker with high level reserves for hi-fi applications



HOBBY HiFi 04/2017

“Able to be used for deep bass reproductions down to 800 Hz.”

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-7,000 Hz
Resonant frequency (fs)	: 30 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 60 W
Peak music power output (MAX)	: 100 W
SPL	: 89 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 1.71 mm/N
Moving mass (Mms)	: 17 g
Mech. Q factor (Qms)	: 4.85
Electr. Q factor (Qes)	: 0.33
Total Q factor (Qts)	: 0.31
Equivalent volume (Vas)	: 38 l
DC resistance (Re)	: 6 Ohm
Force factor (BxL)	: 7.60 Tm
Voice coil induct. (Le)	: 0.7 mH
Voice coil diameter	: $\tilde{A}$ 35.5 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 4.75 mm
Eff. cone area (Sd)	: 127 cm <sup>2</sup>
Magnet weight	: 500 g + 17 g
Magnet diameter	: $\tilde{A}$ 100 mm
Mounting cutout	: $\tilde{A}$ 142 mm
Mounting depth	: 86 mm
Mounting hole diameter	: $\tilde{A}$ 176 mm
Hole spacing X-axis	: 124.5 mm
Hole spacing Y-axis	: 124.5 mm
Dimensions	: 165 x 165 x 90 mm
Outside diameter	: $\tilde{A}$ 186 mm



Width	: 165 mm
Height	: 165 mm
Depth	: 90 mm
Colour	: black/yellow
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.7 kg
Packing unit	: 1
Type of speaker	: 6"
Packing dimensions (W x H x L)	: 0.175 x 0.11 x 0.175 m
Gross weight	: 1.87 kg
Net weight	: 1.7 kg
Low-impedance	: 1