

# IK S10-SVC2



## IMPACT

K-SERIES

**SHALLOW 250MM / 10INCH**  
**1x2Ω SUBWOOFER**  
FOR COMPACT ENCLOSURES



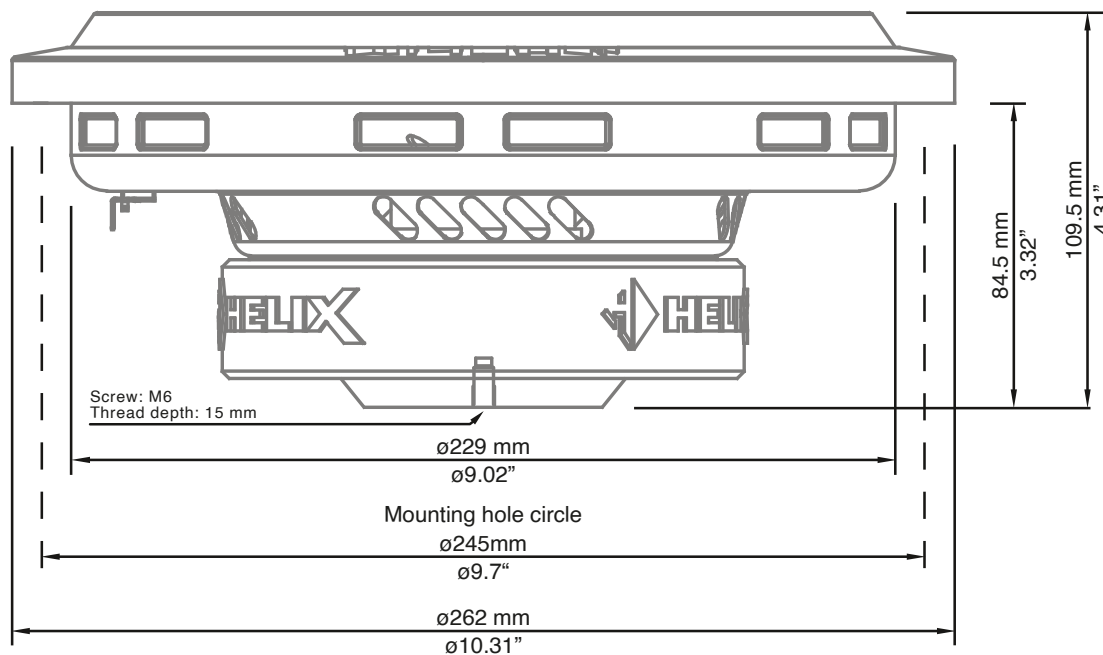
Screw: M6  
Thread depth: 15 mm



- Chassis with particularly low installation depth – optimized for compact and shallow enclosure constructions
- 1 x 2 Ohms single voice coil
- Magnet system with threaded hole on the back – allows screwing to the back panel of the enclosure for stabilization and reduction of enclosure vibrations
- Extremely stiff sandwich paper cone
- Long-excursion rubber surround for highest mechanical rating
- Rugged magnet cover with HELIX lettering for perfect magnet protection
- Enclosure connection terminal, grille and gasket included in delivery

## Dimensions

Abmessungen



### Technical data

Technische Daten

Power Leistung	RMS Max.	300 W 600 W
Impedance Impedanz	Z	1 x 2 Ω
DC resistance Gleichstromwiderstand	Re	2,0 Ω
Resonance frequency Resonanzfrequenz	Fs	37 Hz
Mechanical Q factor Mechanische Güte	Qms	7,61
Electrical Q factor Elektrische Güte	Qes	0,54
Total Q factor Gesamtgüte	Qts	0,51
Compliance Nachgiebigkeit	Cms	150 μm/N
Equivalent air volume Äquivalentvolumen	Vas	26 L
Force factor Kraftfaktor	B*I	10,1 Tm
Sensitivity Wirkungsgrad	SPL	93,0 dB @ 2,83V 87,0 dB @ 1W / 1m
Cone area Membranfläche	Sd	353 cm <sup>2</sup>
Moving mass Bewegte Masse	Mms	119 g
Mechanical resistance Mechanischer Widerstand	Rms	3,7 kg/s
Voice coil diameter Schwingspulendurchmesser	Ø	50,8 mm
Voice coil winding height Schwingspulenwickelbreite		18 mm
Max. linear excursion Max. linearer Membranhub	Xmax	+/- 6 mm

### Enclosure recommendations

Gehäuseempfehlungen

#### Sealed box

Geschlossenes Gehäuse

Net volume Nettovolumen	14 L
Lower limiting frequency (-3dB) Untere Grenzfrequenz (-3dB)	46 Hz
Recommended DSP settings Empfohlene DSP-Einstellungen	Highpass: "Self-Define" 45 Hz / Q = 1,3; EQ Filter: 100 Hz / Q = 1,0 / -3,0 dB

#### Vented box

Bassreflex-Gehäuse

Net volume Nettovolumen	16 L
Port diameter Reflex-Kanaldurchmesser	Ø 70 mm
Port area Reflex-Kanallfläche	38 cm <sup>2</sup>
Port length Reflex-Kanallänge	38 cm
Port tuning frequency Tunnelabstimmungsfrequenz	Fb 37 Hz
Lower limiting frequency (-3dB) Untere Grenzfrequenz (-3dB)	39 Hz
Recommended DSP settings Empfohlene DSP-Einstellungen	Highpass: "Self-Define" 37 Hz / Q = 1,2; EQ Filter: 95 Hz / Q = 0,7 / -3,0 dB

### Wiring configuration

Anschluss

#### 1 x 2 Ω configuration on one amplifier channel

1 x 2 Ω Konfiguration an einem Verstärkerkanal

