

IK S8-SVC2

HELIX

IMPACT

K-SERIES

**SHALLOW 200MM / 8INCH
1x2Ω SUBWOOFER
FOR COMPACT ENCLOSURES**



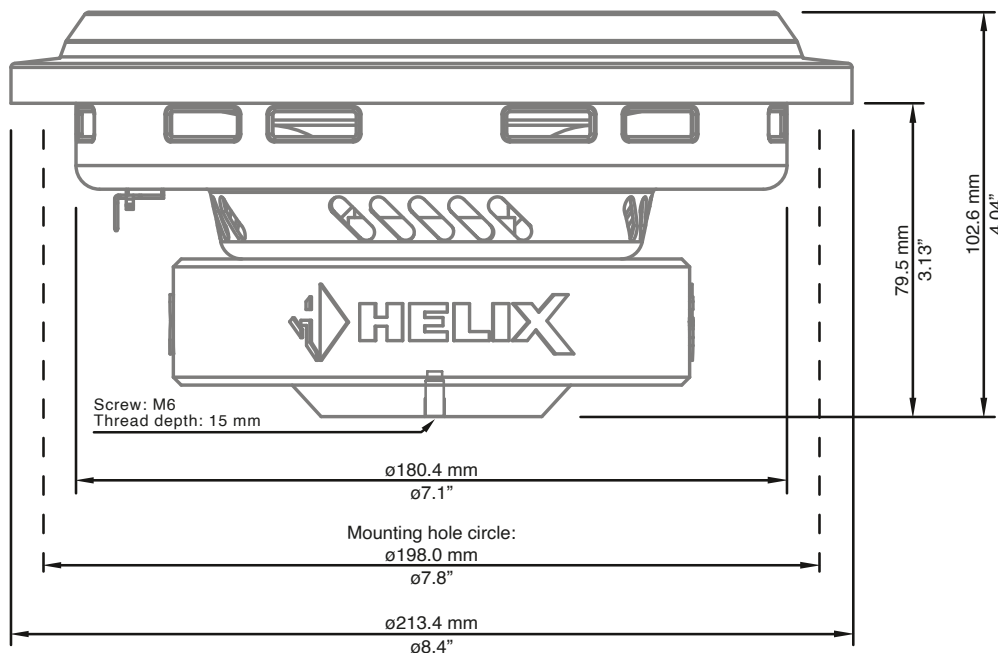
Screw: M6
Thread depth: 15 mm



- 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 <i>Leistung</i>	RMS Max.	300 W 600 W
Impedance <i>Impedanz</i>	Z	1 x 2 Ω
DC resistance <i>Gleichstromwiderstand</i>	Re	2,0 Ω
Resonance frequency <i>Resonanzfrequenz</i>	Fs	43 Hz
Mechanical Q factor <i>Mechanische Güte</i>	Qms	7,79
Electrical Q factor <i>Elektrische Güte</i>	Qes	0,53
Total Q factor <i>Gesamtgüte</i>	Qts	0,50
Compliance <i>Nachgiebigkeit</i>	Cms	170 μm/N
Equivalent air volume <i>Äquivalentvolumen</i>	Vas	11 L
Force factor <i>Kraftfaktor</i>	B*I	9,1 Tm
Sensitivity <i>Wirkungsgrad</i>	SPL	91,0 dB @ 2,83V 85,0 dB @ 1W / 1m
Cone area <i>Membranfläche</i>	Sd	222 cm ²
Moving mass <i>Bewegte Masse</i>	Mms	81 g
Mechanical resistance <i>Mechanischer Widerstand</i>	Rms	2,8 kg/s
Voice coil diameter <i>Schwingspulendurchmesser</i>	Ø	50,8 mm
Voice coil winding height <i>Schwingspulenwickelbreite</i>		19 mm
Max. linear excursion <i>Max. linearer Membranhub</i>	Xmax	+/- 6 mm

Enclosure recommendations

Gehäuseempfehlungen

Sealed box

Geschlossenes Gehäuse

Net volume <i>Nettovolumen</i>	10 L
Lower limiting frequency (-3dB) <i>Untere Grenzfrequenz (-3dB)</i>	46 Hz
Recommended DSP settings <i>Empfohlene DSP-Einstellungen</i>	Highpass: "Self-Define" 46 Hz / Q = 1,5; EQ Filter: 100 Hz / Q = 1,0 / -2,5 dB

Vented box

Bassreflex-Gehäuse

Net volume <i>Nettovolumen</i>	10 L
Port diameter <i>Reflex-Kanaldurchmesser</i>	Ø 60 mm
Port area <i>Reflex-Kanallfläche</i>	28 cm ²
Port length <i>Reflex-Kanallänge</i>	42 cm (angled port)
Port tuning frequency <i>Tunnelabstimmungsfrequenz</i>	Fb 39 Hz
Lower limiting frequency (-3dB) <i>Untere Grenzfrequenz (-3dB)</i>	45 Hz
Recommended DSP settings <i>Empfohlene DSP-Einstellungen</i>	Highpass: "Self-Define" 40 Hz / Q = 1,2; EQ Filter: 100 Hz / Q = 0,9 / -2,0 dB

Wiring configuration

Anschluss

1 x 2 Ω configuration on one amplifier channel

1 x 2 Ω Konfiguration an einem Verstärkerkanal

