

IK W6-DVC2



IMPACT

K-SERIES

160MM / 6INCH
2x2Ω SUBWOOFER
FOR COMPACT VENTED ENCLOSURES

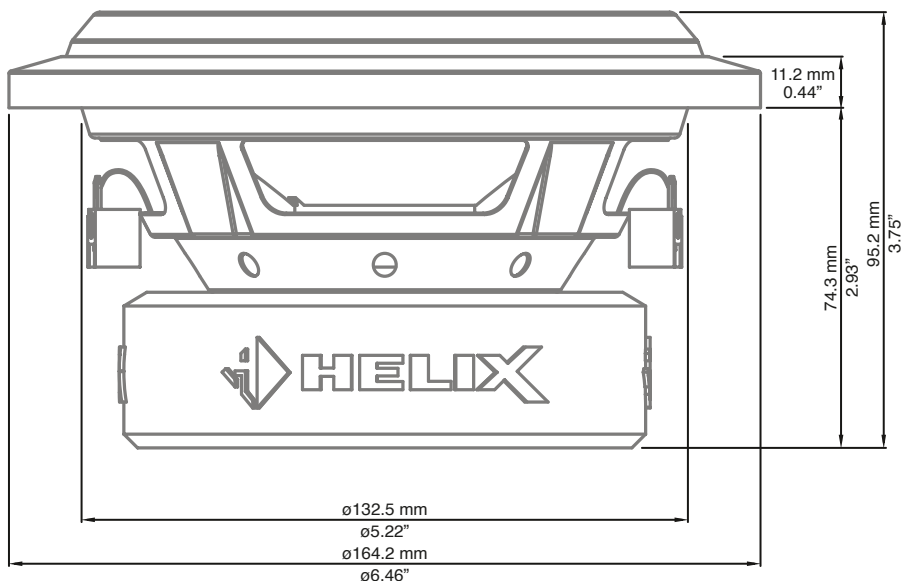


- 2 x 2 Ohms dual voice coil for flexible system configuration
- Powerful magnet system for compact vented enclosures
- Extremely stiff, hand-scooped paper cone
- Double ventilated voice coil for minimum compression effects and high power handling
- Long-excursion rubber surround for highest mechanical rating
- Gold-plated terminals for maximum conductivity
- Rugged magnet cover with HELIX lettering for perfect magnet protection
- Grille and gasket included in delivery



Dimensions

Abmessungen



Technical data

Technische Daten

Power <i>Leistung</i>	RMS Max.	150 W 300 W
Impedance <i>Impedanz</i>	Z	2 x 2 Ω
DC resistance <i>Gleichstromwiderstand</i>	Re	2 x 2,0 Ω
Resonance frequency <i>Resonanzfrequenz</i>	Fs	50 Hz
Mechanical Q factor <i>Mechanische Güte</i>	Qms	3,92
Electrical Q factor <i>Elektrische Güte</i>	Qes	0,32
Total Q factor <i>Gesamtgüte</i>	Qts	0,30
Compliance <i>Nachgiebigkeit</i>	Cms	261 μm/N
Equivalent air volume <i>Äquivalentvolumen</i>	Vas	5,3 L
Force factor <i>Kraftfaktor</i>	B*I	12,3 Tm
Sensitivity <i>Wirkungsgrad</i>	SPL	89,0 dB @ 2,83V 86,0 dB @ 1W / 1m
Cone area <i>Membranfläche</i>	Sd	123 cm ²
Moving mass <i>Bewegte Masse</i>	Mms	37 g
Mechanical resistance <i>Mechanischer Widerstand</i>	Rms	3,04 kg/s
Voice coil diameter <i>Schwingspulendurchmesser</i>	Ø	37 mm
Voice coil winding height <i>Schwingspulenwickelbreite</i>		18 mm
Max. linear excursion <i>Max. linearer Membranhub</i>	Xmax	+/- 6 mm

Enclosure recommendation

Gehäuseempfehlung

Vented box

Bassreflex-Gehäuse

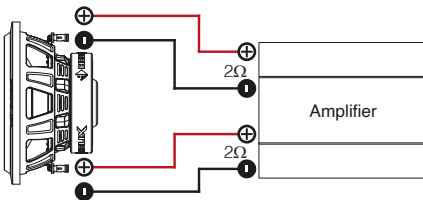
Net volume <i>Nettovolumen</i>		7 L
Port diameter <i>Reflex-Kanaldurchmesser</i>	Ø	50 mm
Port area <i>Reflex-Kanallfläche</i>		20 cm ²
Port length <i>Reflex-Kanallänge</i>		34 cm (angled port)
Port tuning frequency <i>Tunnelabstimmungsfrequenz</i>	Fb	45 Hz
Lower limiting frequency (-3 dB) <i>Untere Grenzfrequenz (-3 dB)</i>		43 Hz
Recommended DSP settings <i>Empfohlene DSP-Einstellungen</i>		Highpass: "Self-Define" 45 Hz / Q = 1,2; EQ Filter: 80 Hz / Q = 1,0 / +1,0 dB

Wiring configurations

Anschluss

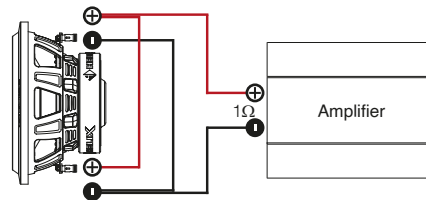
2 x 2 Ω configuration on two amplifier channels

2 x 2 Ω Konfiguration an zwei Verstärkerkanälen



1 x 1 Ω configuration on one amplifier channel

1 x 1 Ω Konfiguration an einem Verstärkerkanal



1 x 4 Ω configuration on one amplifier channel

1 x 4 Ω Konfiguration an einem Verstärkerkanal

