

C173-6-096

Bass - midrange driver

DOMEMATERIAL: CERAMIC
APPLICATION: BASS - MIDRANGE
NOMINAL DIAMETER: 173 mm
SENSITIVITY: 94 dB

MAIN FEATURES :

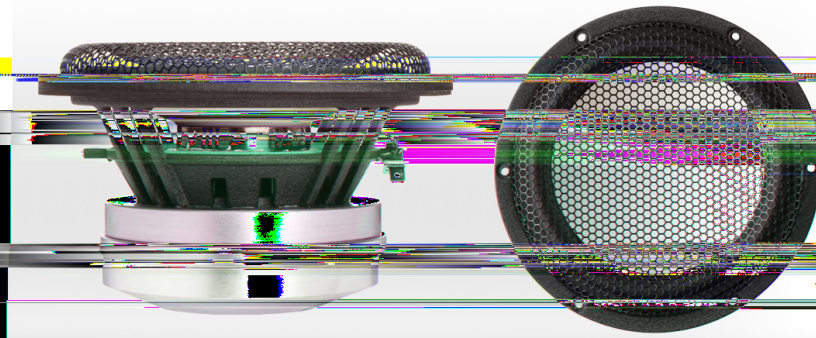
UNDERHUNG MOTOR DESIGN

55 MM TITANIUM VC FORMER

SOFT RUBBER SURROUND

VENTED VC, POLE PIECE & SPIDER

40 HZ - 3 KHZ IN VENTED BOX

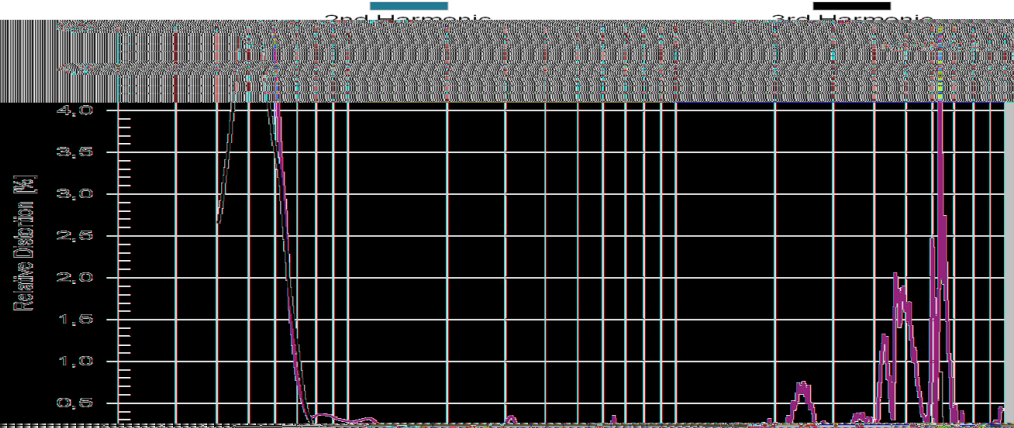
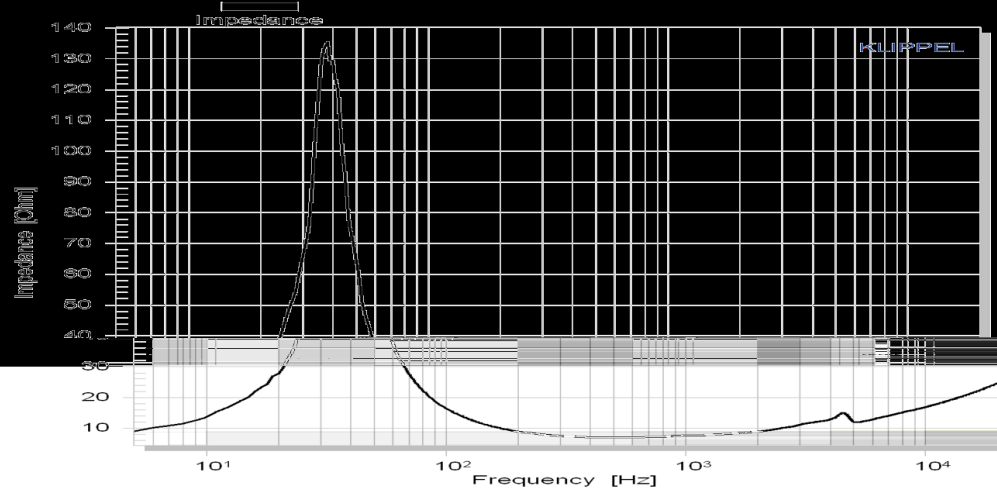
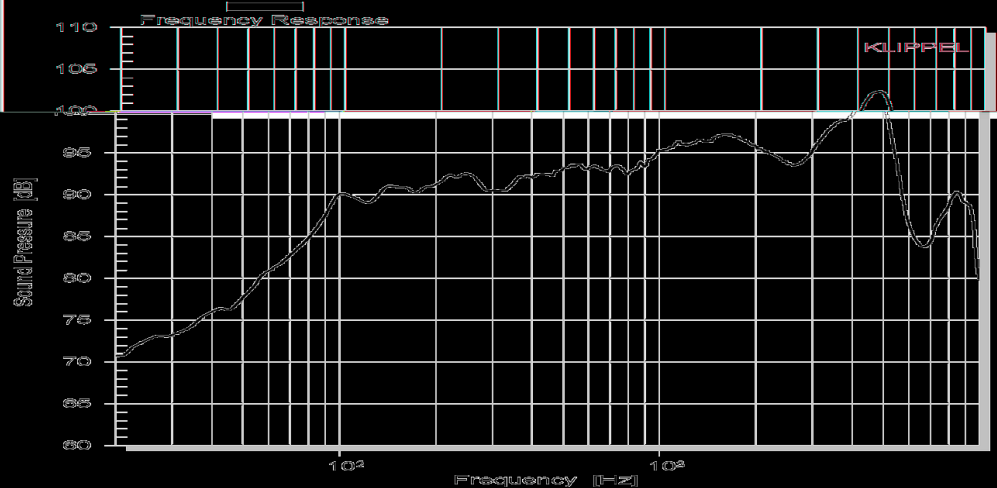


The C173 - 6 - 096 is a 6.5 inch bass-midrange driver with ultra hard ceramic dome.

A FEA optimized underhung motor design with 55 mm titanium voice coil former guarantees very low energy storage and good heat transfer. Its high force factor leads to outstanding transient response for more realistic reproduction.

The low loss rubber surround and a thin fabric spider center the moving parts with high linearity.

For this amazing bass-midrange driver, we recommend an application from 40 Hz – 3000 Hz.



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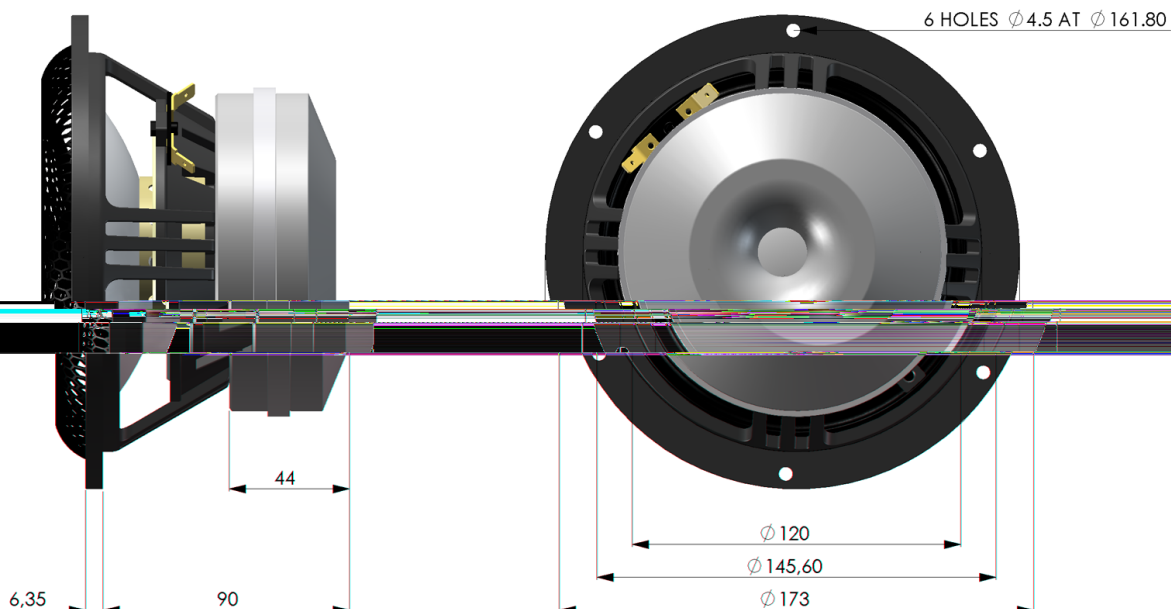
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C173-6-096
Bass-midrange driver

Mechanical data

Overall diameter	173	mm
Cutout diameter	145.6	mm
Frontplate depth	6.35	mm
Overall depth	96.35	mm
Motor assembly diameter	120	mm
Motor assembly depth	44	mm
Screw fitting	DIN 7984, 4mm	
Terminal	+ : 6.3 x 0.8 / - : 4.8 x 0.8	mm
Shipping weight / net weight	3.76 / 3.44	kg
Shipping size	210 / 140 / 210	mm

Thiele/Small Parameters

Sensitivity (2.83V / 1m)	Lp	94*	dB
DC-resistance	Re	6.61	Ohm
Resonance frequency	Fs	39	Hz
Equivalent volume of air	Vas	28	L
Mechanical Q	Qms	3.9	
Electrical Q	Qes	0.18	
Total Q	Qts	0.17	
Effective piston area	Sd	130	cm ²
Moving mass	Mms	14.5	g
Suspension compliance	Cms	1.16	mm/N
Mechanical resistance	Rms	0.9	kg x s

Voice Coil data

Power handling	P	120*	Watt
Linear excursion	Xmax	+/- 5	mm
Voice coil diameter		55	mm
Voice coil former material		Ti	
Voice coil material		Cu	
Voice coil inductance	Le	0.25	mH
Force factor	Bl	11.5	N/A
Motor type		Underhung	
Ferrofluid filling		no	

* Please refer to www.accuton.com for exact measurement conditions and further information.

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