

C173-6-191

Bass - midrange driver



COMPARISON: C173-6-191 - C173-6-191

APPLICATION: BASS - MIDRANGE

NOMINAL DIAMETER: 173 mm

SENSITIVITY: 88 dB

MAIN FEATURES :

OVERHUNG MOTOR DESIGN

38 MM TITANIUM VC FORMER

SOFT HIGHSHAPE RUBBER SURROUND

VENTED VC, POLE PIECE & SPIDER

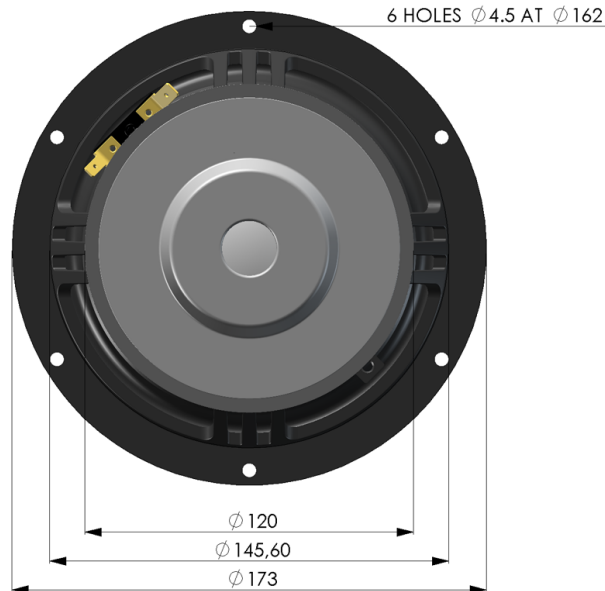
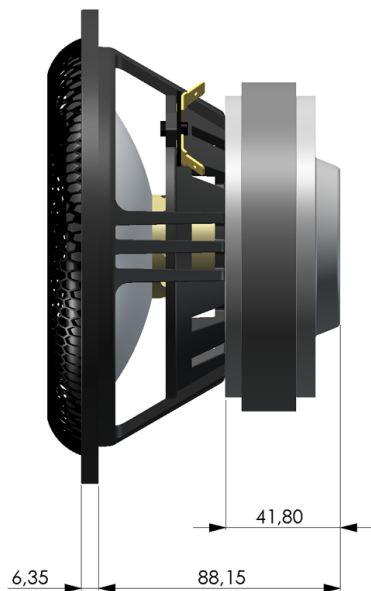
35 HZ - 2.5 KHZ IN VENTED BOX

The **C173 - 6 - 191** is a 6.5 inch bass-m idrange driver with ultra hard **ceramic dome**.

A **FEA optimized** overhung motor design with 38 mm titanium voice coil former guarantees very low energy storage and good heat transfer.

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

As a typical home stereo bass - midrange driver, we recommend our C173-6-191 for an application from 35 Hz - 2500 Hz.



C173-6-191
Bass-midrange driver

Mechanical data			
Overall diameter	173	mm	
Cutout diameter	145.6	mm	
Frontplate depth	6.35	mm	
Overall depth	94.5	mm	
Motor assembly diameter	120	mm	
Motor assembly depth	41.8	mm	
Screw fitting	DIN 7984, 4mm		
Terminal	+ : 6.3 x 0.8 / - : 4.8 x 0.8	mm	
Shipping weight / net weight	2.6 / 2.28	kg	
Shipping size	210 / 140 / 210	mm	

Thiele/Small Parameters				
Sensitivity (2.83V / 1m)	Lp	88*	dB	
DC-resistance	Re	5.8	Ohm	
Resonance frequency	Fs	33	Hz	
Equivalent volume of air	Vas	33	L	
Mechanical Q	Qms	5.3		
Electrical Q	Qes	0.33		
Total Q	Qts	0.31		
Effective piston area	Sd	130	cm ²	
Moving mass	Mms	18	g	
Suspension compliance	Cms	1.2	mm/N	
Mechanical resistance	Rms	0.74	kg x s	

Voice Coil data				
Power handling	P	120*	Watt	
Linear excursion	Xmax	+/- 5	mm	
Voice coil diameter		38	mm	
Voice coil former material		Ti		
Voice coil material		Cu		
Voice coil inductance	Le	0.7	mH	
Force factor	Bl	8.5	N/A	
Motor type		Overhung		
Ferrofluid filling		no		

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

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