

C220-11-221

Bass driver



DOMEMATERIAL:	CERAMIC
APPLICATION:	BASS
NOMINAL DIAMETER:	220 mm
SENSITIVITY:	88 dB

MAIN FEATURES :

OVERHUNG MOTOR DESIGN

38 MM TITANIUM VC FORMER

SOFT RUBBER SURROUND

VENTED VC, POLE PIECE & SPIDER

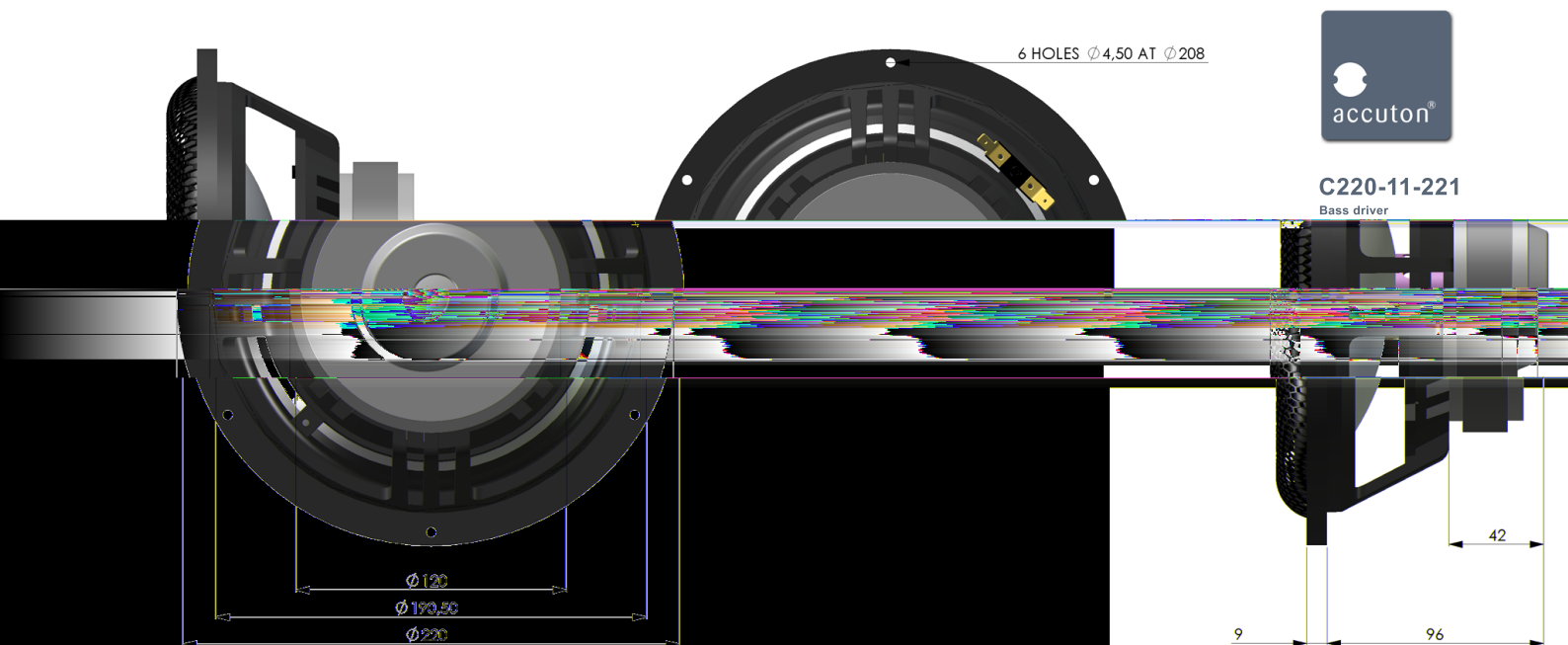
32 HZ - 2 KHZ IN VENTED BOX

The **C220 –11– 221** is an 8 inch bass driver with ultra hard **ceramic dome**.

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

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

As a typical home stereo bass driver, we recommend our C220-11-221 for an application from 32 Hz - 2000 Hz.



Mechanical data

Overall diameter
 Cutout hole diameter
 Frontplate depth
 Overall depth
 Motor assembly diameter
 Motor assembly depth
Screw fitting
 Terminal
 Shipping weight / net weight
 Shipping box size

	220	mm
	190.5	mm
	9	mm
	105	mm
	120	mm
	42	mm
	DIN 7984, 4mm	
	+ : 6.3 x 0.8 / - : 4.8 x 0.8	mm
	2.4 / 2.1	kg
	250 / 145 / 250	mm

Thiele/Small Parameters

Sensitivity (2.83V / 1m)
 DC-resistance
 Resonance frequency
 Equivalent volume of air
 Mechanical Q
 Electrical Q
 Total Q
 Effective piston area
 Moving mass
 Suspension compliance
 Mechanical resistance

Lp	88*	dB
Re	10.9	Ohm
Fs	25.2	Hz
Vas	95	L
Qms	6.74	
Qes	0.43	
Qts	0.40	
Sd	227	cm ²
Mms	30.6	g
Cms	1.3	mm/N
Rms	0.72	kg x s

Voice Coil data

Power handling
 Linear excursion
 Voice coil diameter
 Voice coil former material
 Voice coil material
 Voice coil inductance
Force factor
 Motor type
 Ferrofluid filling

P	150*	Watt
Xmax	+/- 5	mm
	38	mm
	Ti	
	Cu	
Le	1.2	mH
Bl	11.1	N/A
	Overhung	
	no	

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

All rights reserved - All data with reservation and subject to change.

Thiel & Partner GmbH

Kantstrasse 1

50259 Pulheim

T +49 (0) 2238 / 475475

a.bankewitz@accuton.com