

C90-6-724

Bass - midrange driver

DOMEMATERIAL: CERAMIC
APPLICATION: BASS - MIDRANGE

CELL[®]
CONCEPT DRIVER



NO REFLECTIONS AT THE BACKSIDE
UNDERHUNG MOTOR DESIGN
NO LEAKAGE IN VENTED BOX

ceramic dome

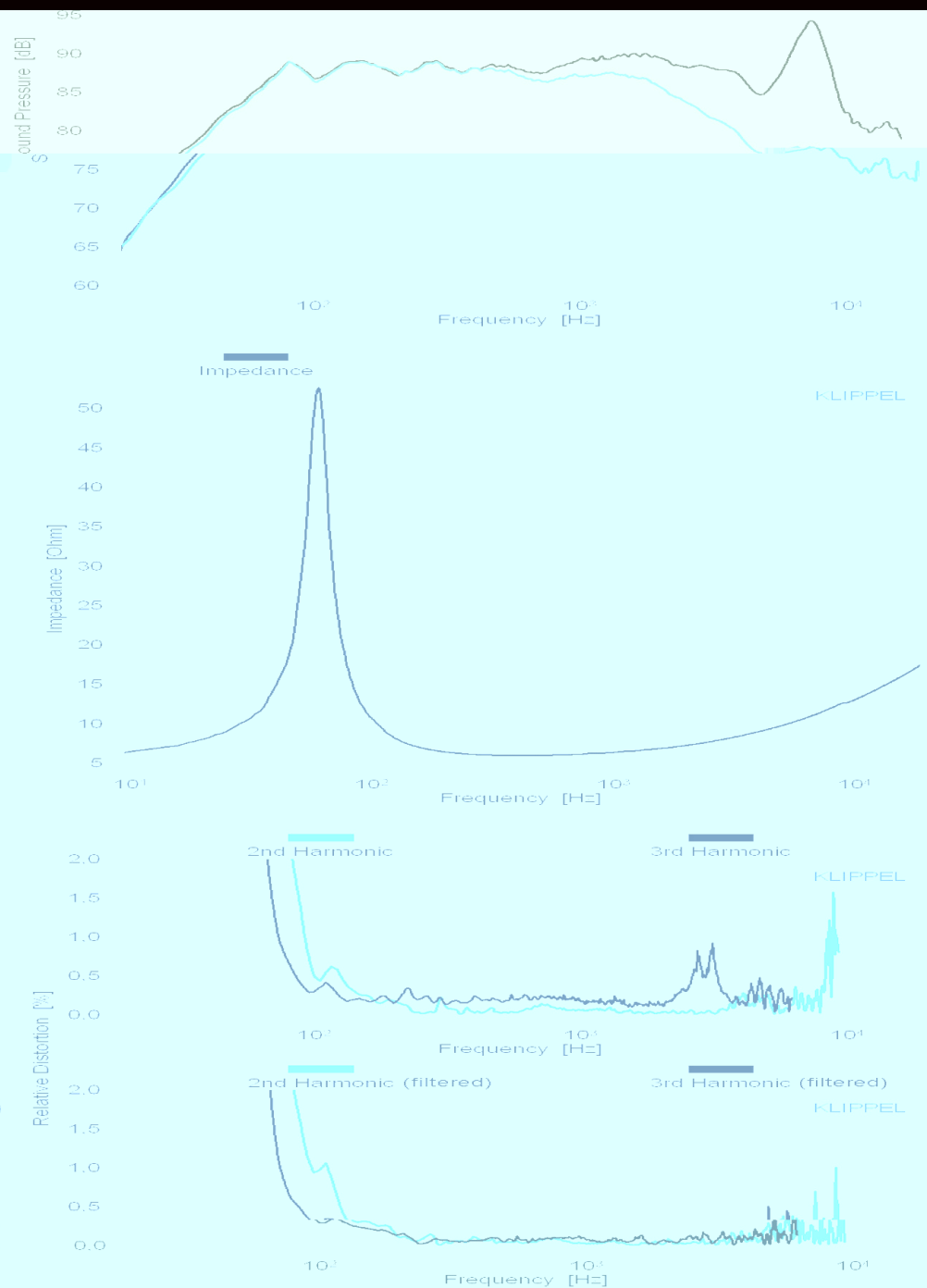
ideal acoustical center

novel designed underhung
motor

proprietary clamping tech-
nique

thin fabric spider

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Thiel & Partner GmbH

Kantstrasse 1

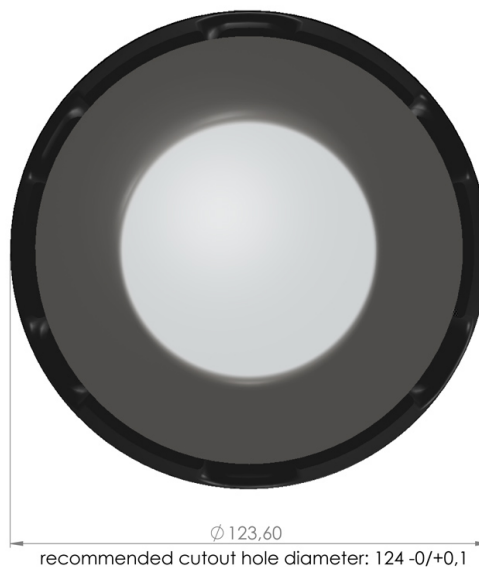
50259 Pulheim

T +49 (0) 2238 / 475475

a.bankewitz@accuton.com



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Bass - midrange driver



Mechanical data

Overall diameter	123.6	mm
Cutout diameter	124	mm
Frontplate depth minimum	8	mm
Overall depth	55	mm
Motor assembly diameter	-	mm
Motor assembly depth	-	mm
Screwdriver required	DIN 7984, 3mm	
Terminal	+ : 6.3 x 0.8 / - : 4.8 x 0.8	mm
Shipping weight / net weight	1.75 / 1.65	kg
Shipping box size	180 / 180 / 240	mm

Thiele/Small Parameters

Sensitivity (2.83V / 1m)	E	89*	dB
DC-resistance	Re	5.8	Ohm
resonance frequency	Fs	65	Hz
equivalent vol. of air	Vas	5.1	L
mechanical Q	Qms	5.47	
electrical Q	Qes	0.58	
total Q	Qts	0.52	
effective piston area	Sd	81	cm ²
moving mass	Mms	8.9	g
suspension compl.	Cms	0.65	mm/N
mechanical resistance	Rms	0.68	kg x s

Voice Coil data

Power handling	P	100*	Watt
Linear excursion	Xmax	+/- 4	mm
Voice coil diameter		80	mm
Voice coil former material		Ti	
Voice coil material		Cu	
Voice coil inductance	Le	0.14	mH
Force factor	Bl	6.1	N/A
Motor type		Underhung	
Ferrofluid filling		no	

* See www.accuton.com for exact measurement conditions.

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Thiel & Partner GmbH Rommerskirchenerstrasse 21 50259 Pulheim T +49 (0) 2238 / 475475 info@accuton.com