



S220-6-221 SANDWICH BASS

VENTED BOX DESIGN PARAMETERS:

Vb: 66L, Port diameter: 70mm, Length: 300mm, Fres: 22Hz, F-3dB: 27Hz, Q: 0.58 (optimal)

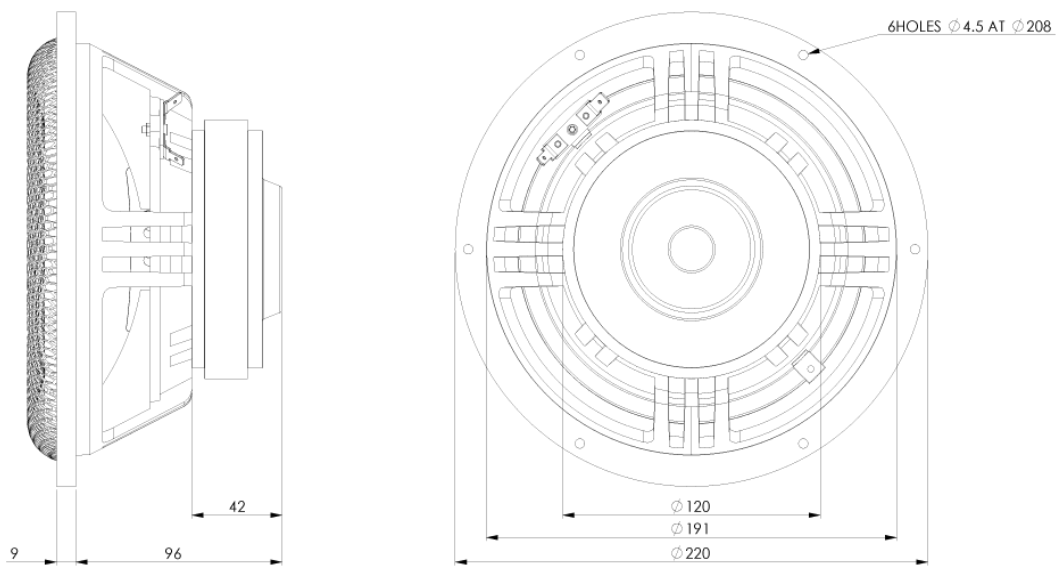
Vb: 101L, Port diameter: 70mm, Length: 150mm, Fres: 23.5Hz, F-3dB: 24Hz, Q: 0.50 (extended bass)

Vb: 56L, Port diameter: 70mm, Length: 300mm, Fres: 24Hz, F-3dB: 29Hz, Q: 0.61 (0.7dB Ripple @ 50Hz)

CLOSED BOX DESIGN PARAMETERS:

Vb: 39L, -4dB @ 40Hz, -13dB @ 20Hz, F-3dB: 42Hz, Q: 0.71 (typical)

Vb: 101L, -4dB @ 40Hz, -10dB @ 20Hz, F-3dB: 44Hz, Q: 0.50 (extended bass)



Dome material		Sandwich
Application		Bass
Overall diameter		220 MM
Cutout Diameter/Square		191 MM
Overall depth		105 MM
Motor assembly depth		42
Motor assembly diameter		120

MAIN FEATURES

overhung motor design
 38mm titan voice coil
 soft rubber surround
 vented vc, pole piece & spider
 31 HZ - 1 KHZ in vented box

MECHANICAL DATA

Specification	Value	Unit
Overall diameter	220	mm
Cutout Diameter/Square	191	mm
Min. frontplate thickness	9	mm
Overall depth	105	mm
Motor assembly depth	42	mm
Motor assembly diameter	120	mm
Screwfitting	DIN 7984 / Ø 4.50	mm
Terminal	+: 6.3 x 0.8 / -: 4.8 x 0.8	mm
Shipping weight (pair)	6.3	Kg
Shipping box size (pair)	250/290/250	mm

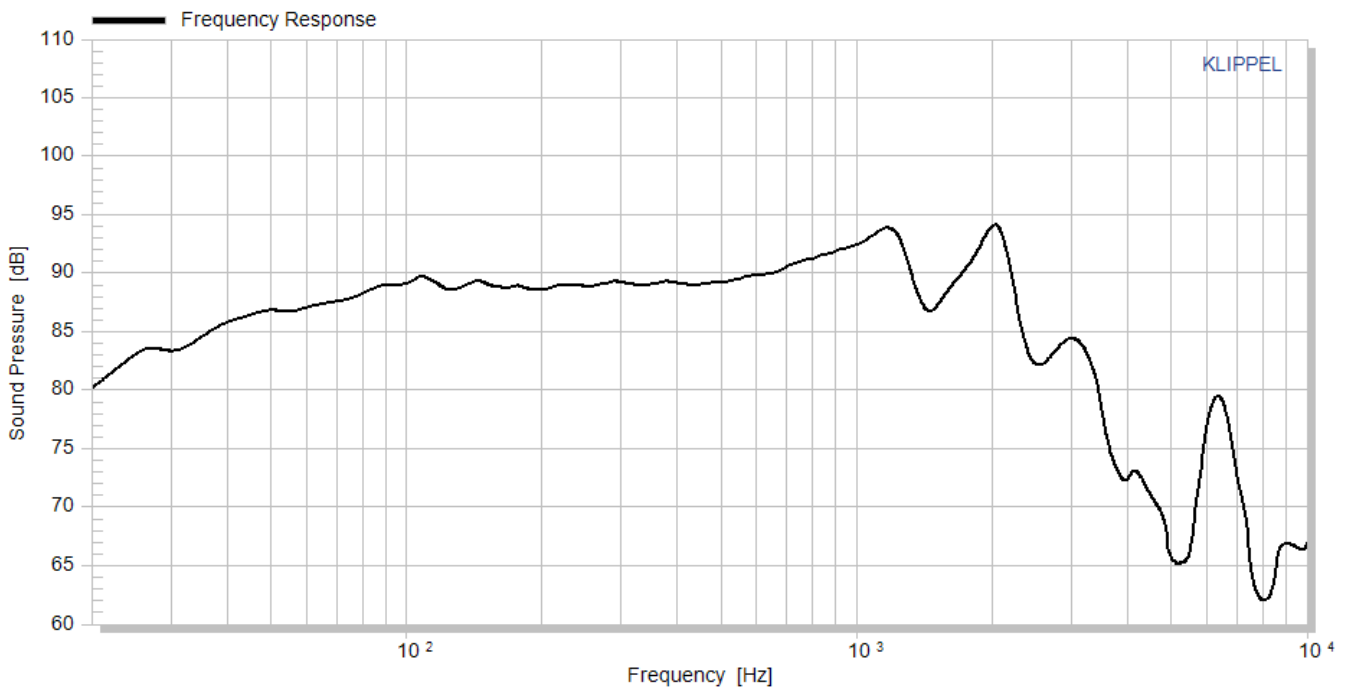
THIELE/SMALL PARAMETER

Spezifikation		Wert	Einheit
Sensitivity (2.83V / 1m)	Spl	88	dB
DC-resistance	Re	5.9	Ohm
Resonance frequency	Fs	22.1	Hz
Equivalent volume of air	Vas	112.9	ltr
Mechanical Q	Qms	5.73	
Electrical Q	Qes	0.39	
Total Q	Qts	0.37	
Effective piston area	Sd	224	Cm2
Moving mass	Mms	32.8	g
Suspension compliance	CMs	1.58	mm/n
Mechanical resistance	Rms	0.79	Kg*s

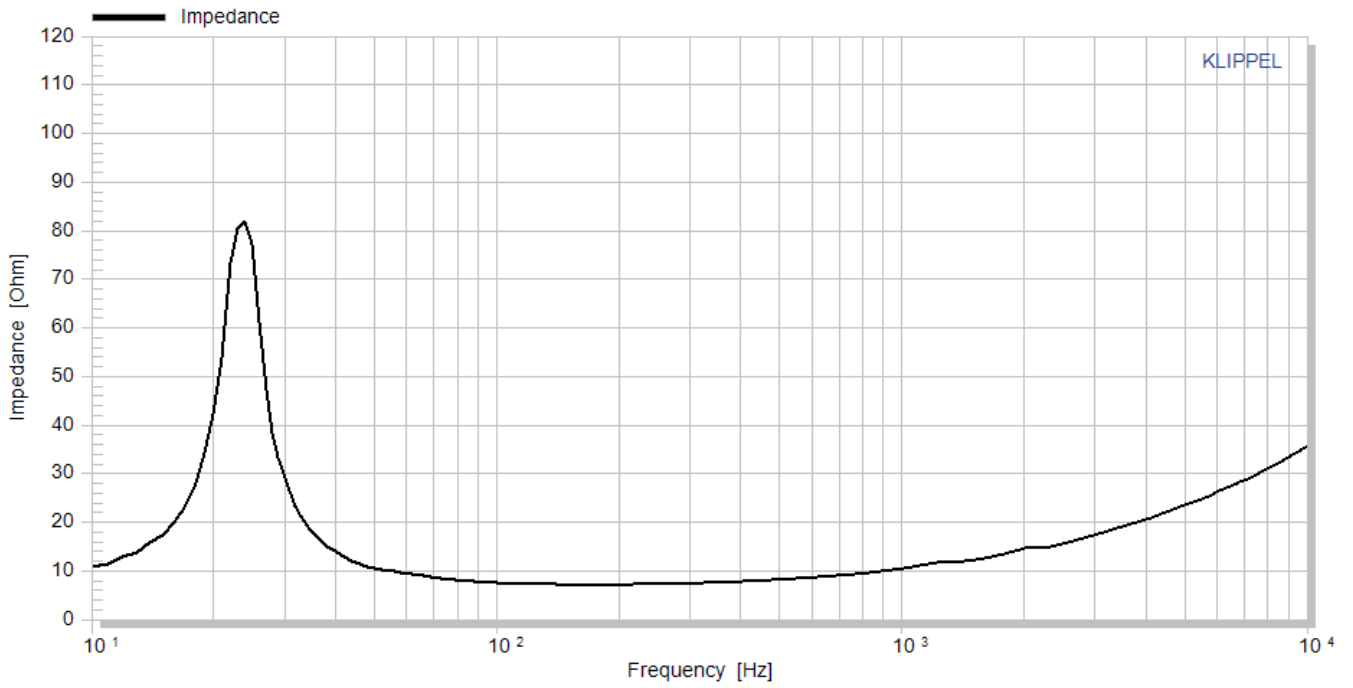
VOICE COIL PARAMETERS

Specification		Value	Unit
Power handling	P	150	W
Linear excursion	Xmax	+/-5	mm
Voice coil diameter		38	mm
Voice coil former material		Ti	
Voice coil material		Cu	
Voice coil inductance	Le	0.81	mH
Force factor	Bl	8.28	N/A
Motor type		Underhung	
Ferrofluid filling		No	

FREQUENCY RESPONSE [DB]



IMPEDANCE [OHM]



HARMONIC DISTORTION [%]

