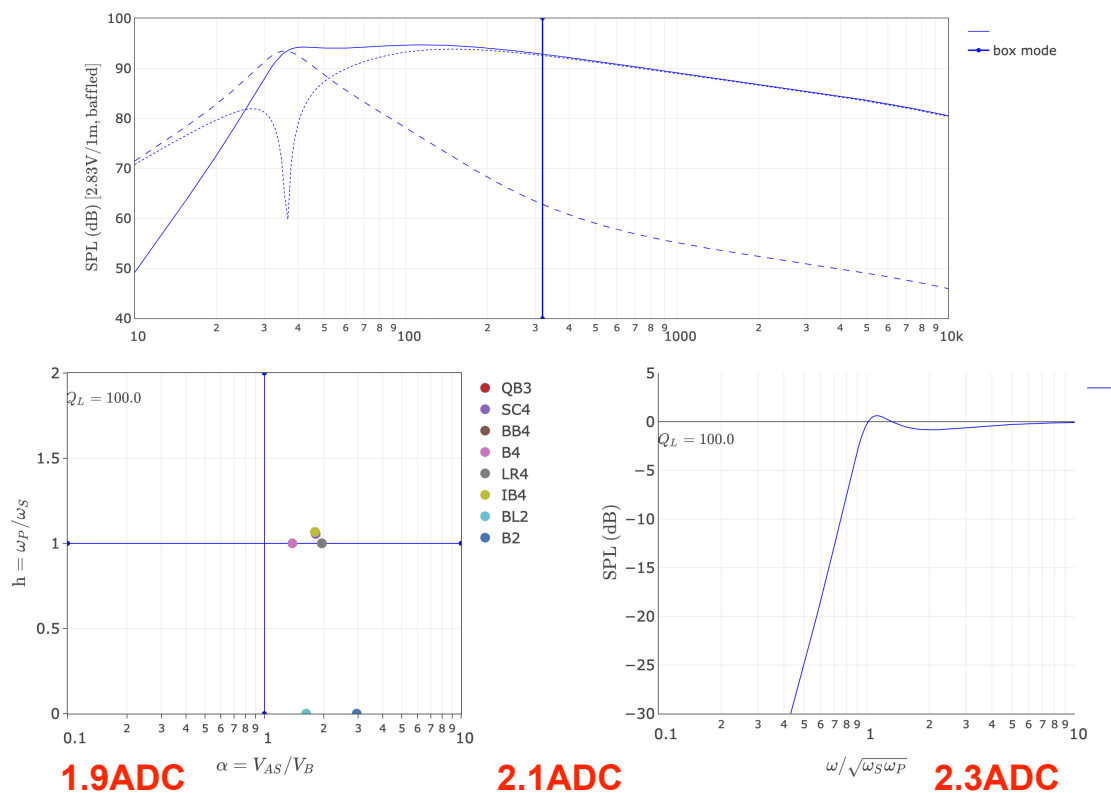


This is an example of a Thiele-Small parameter set with different excitation current settings of our Field-Coil-Speaker AC-2676-SENSE.

Although the measurements were made meticulously and with 3 different weights, there are small deviations to 5 decimal places, but these are negligible. The tables are intended to show how the parameter set can be adapted to your own ideas.



Parameter	Value	Unit
brand	WVL	
model	AC-2676-SENSE	
re	7.68594	Ohms
l3	2.54232	mH
bl	14.108	Tm
mms	40.8764	g
rms	2.80067	kg/s
cms	0.46359	mm/N
fs	36.5605	Hz
qms	3.35277	–
qes	0.36260	–
qts	0.32721	–
dd	250.032	mm
sd	491.0	cm^2
vas	158.544	l
leb	0.39270	mH
rss	30.8377	Ohms
le	3.65929	mH
ke	0.17130	SH
r0	1.48311	N-s/m
c0	0.41584	mm/N
f0	36.9278	Hz
beta	0.1576	–
xmax	6.0	mm

Parameter	Value	Unit
brand	WVL	
model	AC-2676-SENSE	
re	7.68611	Ohms
l3	2.64911	mH
bl	14.8775	Tm
mms	39.3878	g
rms	2.73473	kg/s
cms	0.48463	mm/N
fs	36.4276	Hz
qms	3.29653	–
qes	0.31305	–
qts	0.28590	–
dd	250.032	mm
sd	491.0	cm^2
vas	165.739	l
leb	0.40251	mH
rss	28.8936	Ohms
le	3.90148	mH
ke	0.17231	SH
r0	1.46812	N-s/m
c0	0.4348	mm/N
f0	36.6944	Hz
beta	0.15736	–
xmax	6.0	mm

Parameter	Value	Unit
brand	WVL	
model	AC-2676-SENSE	
re	7.85048	Ohms
l3	2.81173	mH
bl	16.9519	Tm
mms	44.0375	g
rms	3.07319	kg/s
cms	0.42938	mm/N
fs	36.6002	Hz
qms	3.29532	–
qes	0.27666	–
qts	0.25523	–
dd	250.032	mm
sd	491.0	cm^2
vas	146.844	l
leb	0.43549	mH
rss	24.7173	Ohms
le	4.02021	mH
ke	0.18840	SH
r0	1.76247	N-s/m
c0	0.38912	mm/N
f0	36.9278	Hz
beta	0.14416	–
xmax	6.0	mm