

Thiele/Small Parameters

43CVR152

Re	3.925	Ohm	electrical voice coil resistance at DC
Krm	0.01055	Ohm	WRIGHT inductance model
Erm	0.84		WRIGHT inductance model
Kxm	0.04285	Ohm	WRIGHT inductance model
Exm	0.75		WRIGHT inductance model
Cmes	619.99	µF	electrical capacitance representing moving mass
Lces	58.855	mH	electrical inductance representing driver compliance
Res	101.875	Ohm	resistance due to mechanical losses
fs	26.35	Hz	driver resonance frequency
Mms	300.068	g	mechanical mass of driver diaphragm assembly including air load and voice coil
Mmd	272.566	g	mechanical mass of voice coil and diaphragm without air load
Rms	4.752	kg/s	mechanical resistance of total-driver losses
Cms	0.1215	mm/N	mechanical compliance of driver suspension
Kms	8.23	N/mm	mechanical stiffness of driver suspension
Bl	22	Tm	force factor (Bl product)
Lambda	-0.017		suspension creep factor
Qtp	0.4615		total Q-factor considering all losses
Qms	10.457		mechanical Q-factor of driver in free air considering Rms only
Qes	0.4035		electrical Q-factor of driver in free air considering Re only
Qts	0.388		total Q-factor considering Re and Rms only
Vas	121.3912	l	equivalent air volume of suspension
n0	0.5295		reference efficiency (2 pi-radiation using Re)
Lm	89.44	dB	characteristic sound pressure level (SPL at 1m for 1W @ Re)
Lnom	89.525	dB	nominal sensitivity (SPL at 1m for 1W @ Zn)
rmse Z	2.45		root-mean-square fitting error of driver impedance Z(f)
rmse Hx	1.995		root-mean-square fitting error of transfer function Hx (f)
Sd	839.82	cm ²	diaphragm area
Xmax	15	mm	