45L7R154

Re	7.37	Ohm	electrical voice coil resistance at DC
Krm	0.025	Ohm	WRIGHT inductance model
Erm	0.86		WRIGHT inductance model
Kxm	0.1526	Ohm	WRIGHT inductance model
Exm	0.695		WRIGHT inductance model
Cmes	590.03	µF	electrical capacitance representing moving mass
Lces	82.545	mH	electrical inductance representing driver compliance
Res	90.33	Ohm	resistance due to mechanical losses
fs	22.8	Hz	driver resonance frequency
Mms	404.502	g	mechanical mass of driver diaphragm assembly including air load and voice coil
Mmd	366.328	g	mechanical mass of voice coil and diaphragm without air load
Rms	7.6125	kg/s	mechanical resistance of total-driver losses
Cms	0.1205	mm/N	mechanical compliance of driver suspension
Kms	8.325	N/mm	mechanical stiffness of driver suspension
Bl	26.201	Tm	force factor (Bl product)
Lambda	0.049		suspension creep factor
Qtp	0.7045		total Q-factor considering all losses
Qms	7.638		mechanical Q-factor of driver in free air considering Rms only
Qes	0.623		electrical Q-factor of driver in free air considering Re only
Qts	0.5755		total Q-factor considering Re and Rms only
Vas	186.2436	l	equivalent air volume of suspension
n0	0.341		reference efficiency (2 pi-radiation using Re)
Lm	87.53	dB	characteristic sound pressure level (SPL at 1m for 1W @ Re)
Lnom	87.885	dB	nominal sensitivity (SPL at 1m for 1W @ Zn)
rmse Z	2.2		root-mean-square fitting error of driver impedance Z(f)
rmse Hx	1.405		root-mean-square fitting error of transfer function Hx (f)
Sd	1045.03	cm²	diaphragm area
Xmax	16.4	mm	

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