

Type: 18S/4531G02

Electrical data

Nominal impedance	Zn	4 Ω
Minimum impedance/freq.	Zmin	4,1 / 200 Ω /Hz
Maximum impedance	Zo	34,6 Ω
DC resistance	Re	3,5 Ω
Voice coil inductance	Le	0,26 mH

T-S parameters

Resonance Frequency	fs	37,8 Hz
Mechanical Q-factor	Qms	5,95
Electrical Q-factor	Qes	0,54
Total Q-factor	Qts	0,50
Force factor	Bl	5,3 Tm
Mechanical resistance	Rms	0,7 kg/s
Moving mass	Mms	18,2 g
Suspension compliance	Cms	0,98 mm/N

Effective piston area	Sd	154 cm ²
Equivalent volume	Vas	32,7 ltrs

Voltage sensitivity (2.83V/1m) 88,6 dB
Average 300-1000Hz

Voice coil and motor

Voice coil diameter	38,0 mm
Voice coil length	17,5 mm
Voice coil layers	2
Height of gap	5,0 mm
Linear excursion +/-	6,3 mm
Max. excursion +/-	11,0 mm
Flux density in gap	- T
Diameter of magnet	110 mm
Height of magnet	18 mm
Weight of magnet	- kg
Net weight	2,50 kg

Special remarks

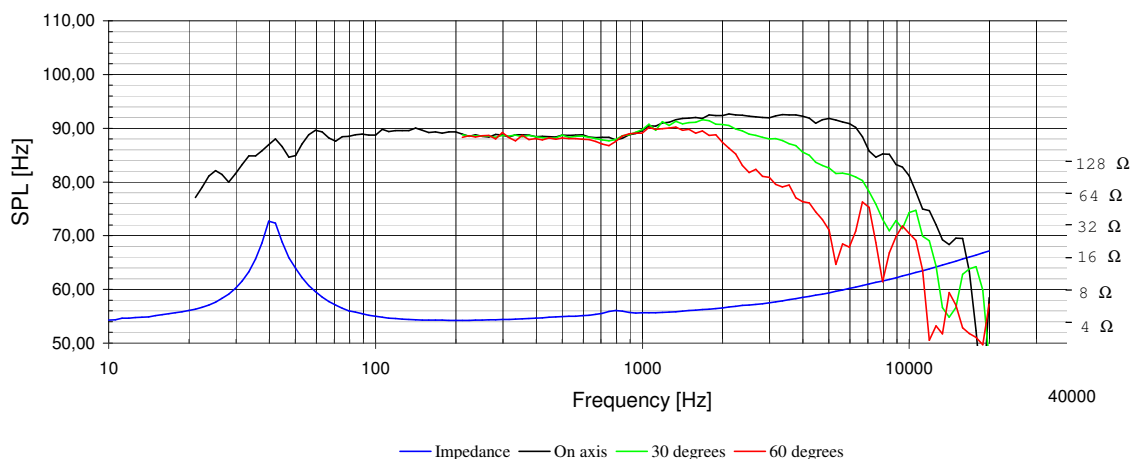
Shielded with magnet and cup

Power handling

100 h RMS noise test (IEC) 60 W
Longterm max. system power (IEC) - W
IEC 268-5 noise signal is used for the powertest.

Remarks

(none)



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