

Type: **18W/4545-03**  
 Lab. No.: **5/27-14** LABREF

**Electrical data**

Nominal impedance	Zn	5 Ω
Minimum impedance/freq.	Zmin	4,6 / 251 Ω/Hz
Maximum impedance	Zo	23,0 Ω
DC resistance	Re	3,5 Ω
Voice coil inductance	Le	0,27 mH

**Voice coil and motor**

Voice coil diameter	42,0 mm
Voice coil length	19,0 mm
Voice coil layers	2
Height of gap	5,0 mm
Linear excursion ±	7,0 mm
Max. excursion ±	10,0 mm

**T-S parameters**

Resonance Frequency	fs	30,5 Hz
Mechanical Q-factor	Qms	1,80
Electrical Q-factor	Qes	0,32
Total Q-factor	Qts	0,27

Net weight 2,40 kg

Force factor	Bl	7,2 Tm
Mechanical resistance	Rms	2,6 kg/s
Moving mass	Mms	24,3 g
Suspension compliance	Cms	1,12 mm/N

**Power handling**

100 h RMS noise test (IEC) 80 W  
 Long term max. system power (IEC) 100 W  
 IEC 268-5 noise signal is used for the power test.

Effective piston area	Sd	150 cm <sup>2</sup>
Equivalent volume	Vas	35,4 ltrs

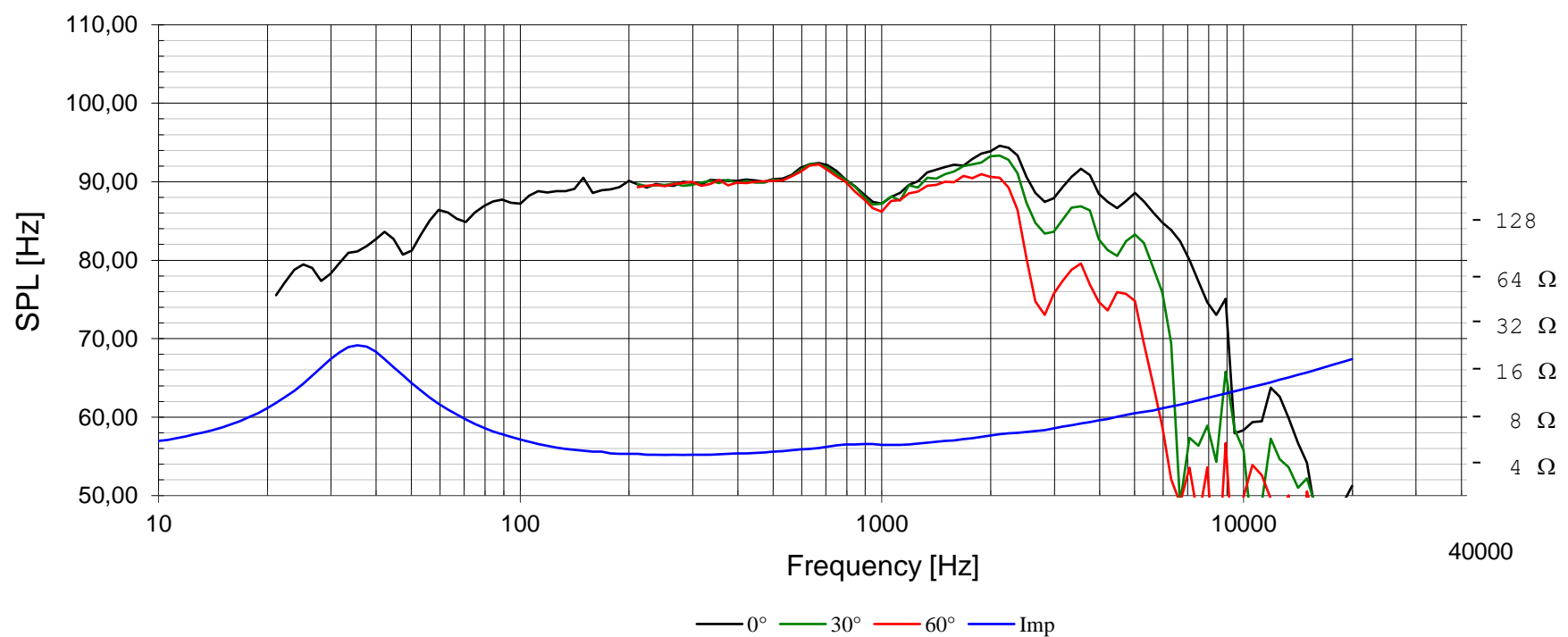
**Remarks Power Handling**

Voltage sensitivity 1.0m/2.83Volt 90,2 dB  
 Average 300-1000Hz

PHC are estimates

**Special remarks**

Freq. x3 Imp. 2nd. 3rd. 300-1000Hz 90.2dB/1.0m/2.83Volt  
 18W/4545-03 5/27-14  
 320 LTR BOX  
 BOFF40H1  
 S0440 LAB REF



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