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**

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	
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**
Effective piston area	Sd	150	**cm²**
Equivalent volume	Vas	35,4	**ltrs**
Voltage sensitivity 1.0m/2.83Volt Average 300-1000Hz		90,2	**dB**

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**

Net weight 2,40 **kg**

Power handling

100 h RMS noise test (IEC)	80	**W**
Long term max. system power (IEC)	100	**W**

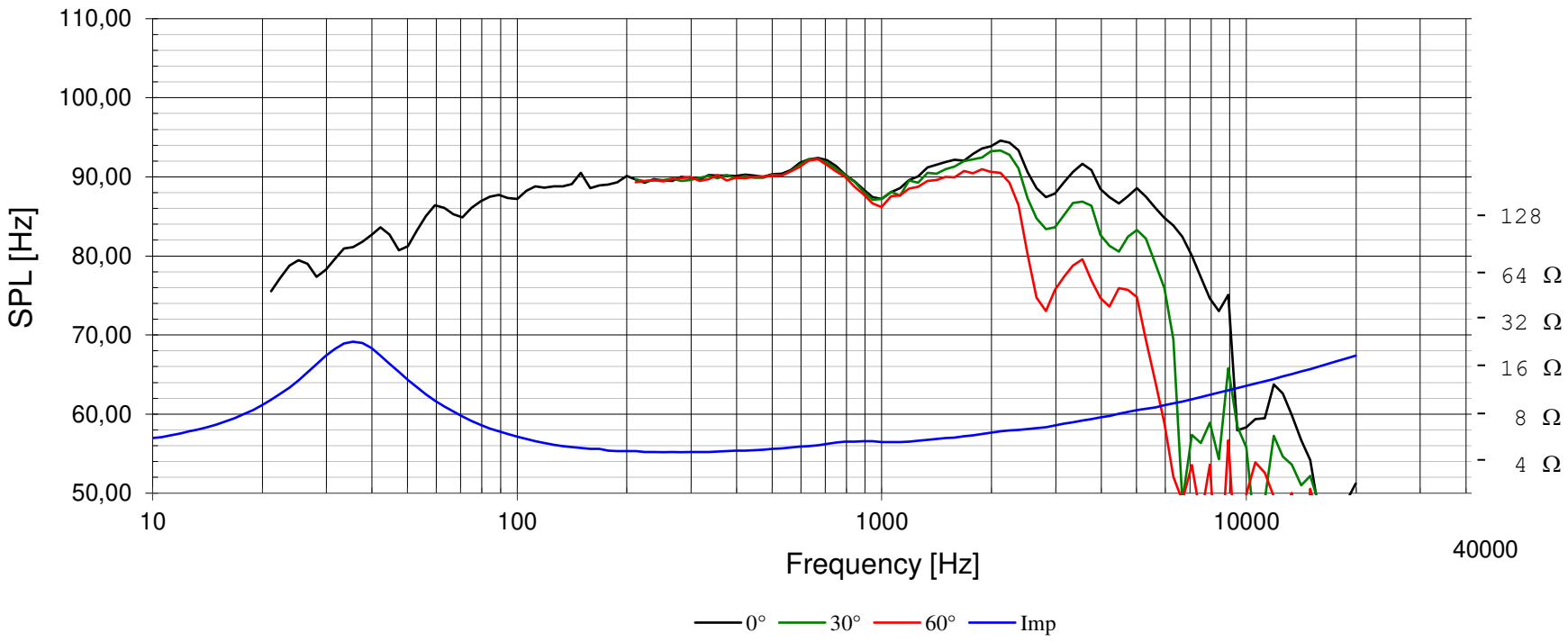
IEC 268-5 noise signal is used for the power test.

Remarks Power Handling

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



Scan-Speak
N. C. Madsensvej 1
DK-6920 Videbæk
Phone : (+45) 6040 5200
Fax : (+45) 9717 3697
E-mail : info@scan-speak.dk
Website : http://www.scan-speak.dk