

Type Number: 30W/4558T00

Features:

- Aluminium Cone, Black Anodized
- Fiberglass/Paper Sandwich Dust Cap, Black Coated
- Fs 21 Hz
- SPL 89dB @ 2,83V / 1m
- 56 mm peak excursion – hereof 25mm linear
- Aluminum Short Circuiting Ring and Aluminum Pol Piece Extension to reduce distortion and power compression.
- Titanium Voice coil former
- Vented cone / dustcap
- Nomex spider
- Low damping rubber surround
- Litze wire woven into the spider



Specs:

Electrical Data

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	3.7/112	ohm
Maximum impedance	Zo	29.7	ohm
DC resistance	Re	2,6	ohm
Voice coil inductance	Le	0,84	mH

T-S Parameters

Resonance Frequency	fs	21	Hz
Mechanical Q factor	Qms	8,24	
Electrical Q factor	Qes	0,36	
Total Q factor	Qts	0,34	
Force factor	Bl	10,7	Tm
Mechanical resistance	Rms	2,0	Kg/s
Moving mass	Mms	124,2	g
Suspension compliance	Cms	0,48	mm/N
Effective cone diameter	D	24.4	cm
Effective piston area	Sd	466	cm2
Equivalent volume	Vas	147	ltrs
Sensitivity (2.83V/1m)		89	dB

Power Handling

100h RMS noise test (IEC)	150	W
Long-term Max Power (IEC18.3)	350	W

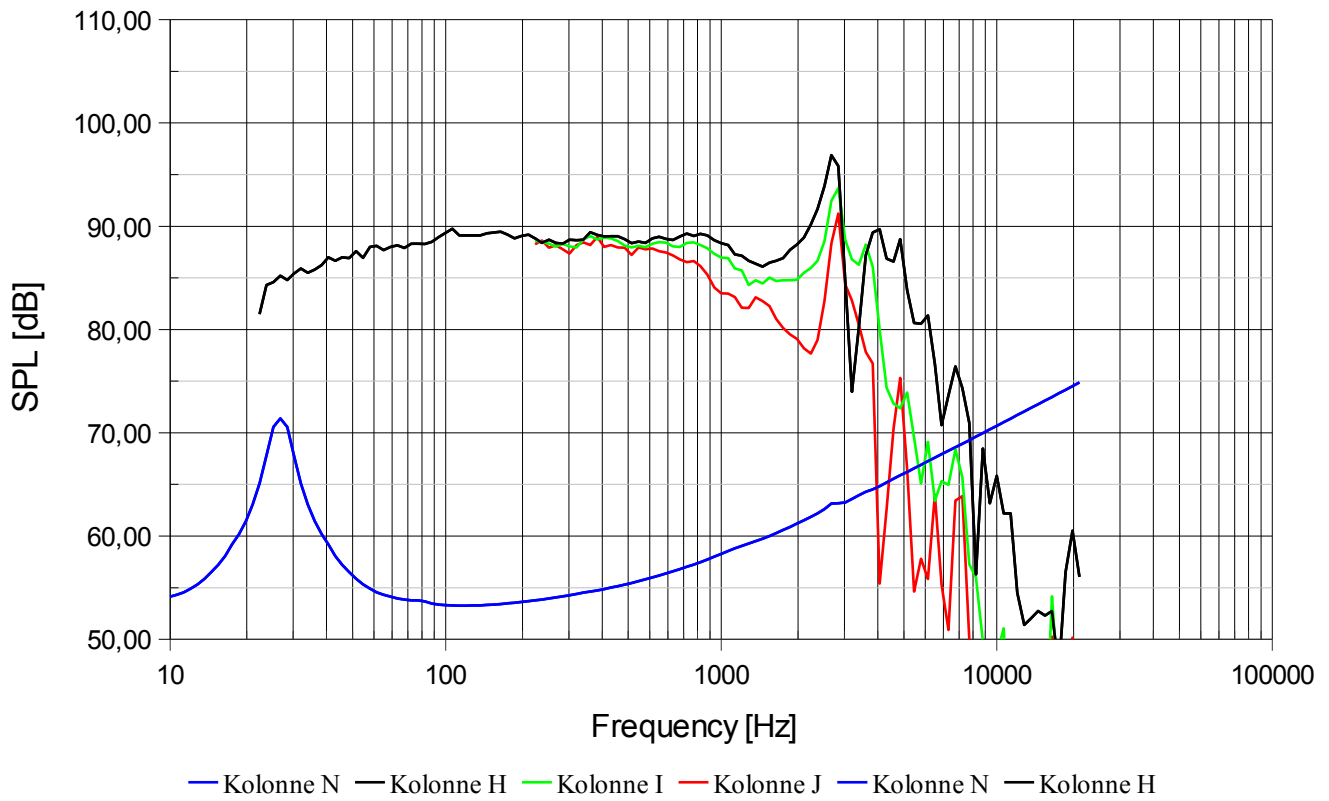
Voice Coil and Magnet Parametres

Voice coil diameter	51,0	mm
Voice coil height	33,0	mm
Voice coil layers	4	
Height of gap	8,0	mm
Linear excursion +/-	12,5	mm
Max mech. Excursion +/-	28,0	mm
Diameter of magnet	147,0	mm
Height of magnet	35,0	mm
Weight of magnet	2,25	Kg
Unit net weight	-	Kg

Notes:

IEC Specs refer to IEC 60268-5 third edition.
 All Scan Speak products are RoHS compliant

Frequency:



Mechanical Dimensions:

