



Vertrieb:

Gernot Grabosch
Lilienweg 4
D-91093 Hessdorf

Tel.: +49 (0)172 23 90 92 3
Email: gernot@audio-gym.com

Hersteller :

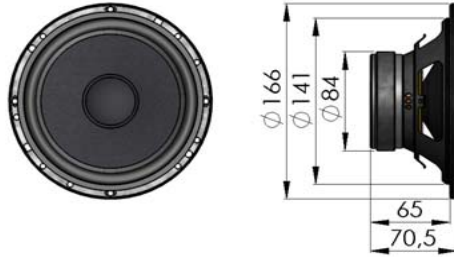
Ehmann & Partner GmbH
Bernbrunner Str. 54
D-74831 Gundelsheim

Tel.: +49 (0)7136 95 09 0
Email: soaudio@epacoustics.com

Datenblatt / Speaker Specification

Bezeichnung /
Denomination:

Set SO165-2.8



ohne Gummiring

Artikel-Nr. /
Article-No.:

970 0028 00

www.soaudio.de

Gleichstromwiderstand/ DC resistance	R_{dc} 2.8 Ω
Nennimpedanz/ Nominal impedance	Z_N 3 Ω
Resonanzfrequenz / Resonance frequency	f_s 56 HZ

Spulendurchmesser/ Voice coil diameter	25 mm
Spulenbreite/ Voice coil height	12 mm

Mechanische Güte / Mechanical Q factor	Q_{ms} 4.09
Elektrische Güte / Electrical Q factor	Q_{es} 0.65
Gesamtgüte / Total Q factor	Q_{ts} 0.56

Dynamisch bewegte Masse/ Moving mass	m_d 13.2 g
---	--------------

Effektive Membranfläche/ Effective piston area	S_m 135 cm ²
---	---------------------------

Mechanischer Widerstand/ Mechanical resistance	R_{ms} 1.1 kg/s
---	-------------------

Nachgiebigkeit/ Compliance	C_{ms} 0.6 mm/N
-------------------------------	-------------------

Antriebsfaktor/ Force factor	BL 4.5 Tm
---------------------------------	-------------

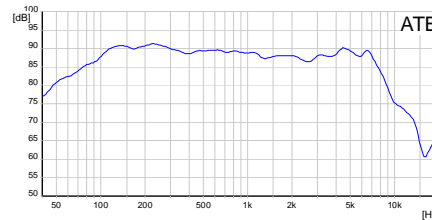
Äquivalentvolumen/ Equivalent air volume	V_{as} 16 dm ³
---	-----------------------------

Wirkungsgrad/ Efficiency	η 0.42 %
-----------------------------	---------------

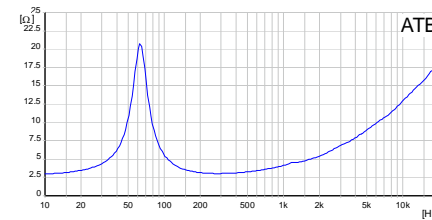
SPL 1W/1m	88,5 dB
-----------	---------

SPL 2,83V/1m	93 dB
--------------	-------

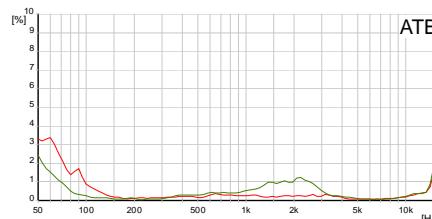
Frequenzgang /
Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor /
Harmonic distortion [1W/1m]



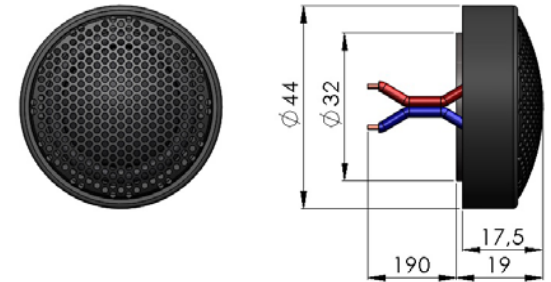
rot / red: K2 grün / green: K3

Weitere Informationen und technische Details unter www.soaudio.de

Datenblatt / Speaker Specification

Bezeichnung /
Denomination:

Set SO26neo



Artikel-Nr. /
Article-No.:

970 0038 00

www.soaudio.de

Gleichstromwiderstand/ DC resistance	R_{dc} 3.4 Ω
Nennimpedanz/ Nominal impedance	Z_N 4 Ω
Resonanzfrequenz / Resonance frequency	f_s 1400 HZ

Spulendurchmesser/ Voice coil diameter	25 mm
Spulenbreite/ Voice coil height	1.4 mm

Mechanische Güte / Mechanical Q factor	Q_{ms}
Elektrische Güte / Electrical Q factor	Q_{es}
Gesamtgüte / Total Q factor	Q_{ts}

Dynamisch bewegte Masse/ Moving mass	m_d g
---	---------

Effektive Membranfläche/ Effective piston area	S_m cm ²
---	-----------------------

Mechanischer Widerstand/ Mechanical resistance	R_{ms} Kg/s
---	---------------

Nachgiebigkeit/ Compliance	C_{ms} mm/ N
-------------------------------	-------------------

Antriebsfaktor/ Force factor	BL Tm
---------------------------------	---------

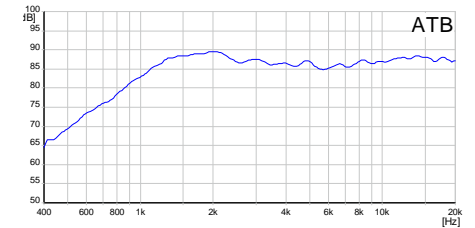
Äquivalentvolumen/ Equivalent air volume	V_{as} dm ³
---	--------------------------

Wirkungsgrad/ Efficiency	η %
-----------------------------	----------

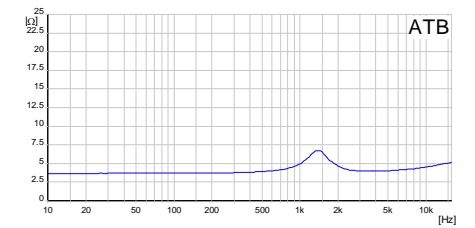
SPL 1W/1m	dB
-----------	----

SPL 2,83V/1m	dB
--------------	----

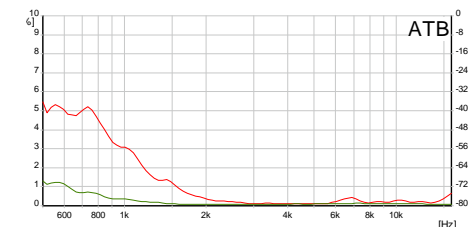
Frequenzgang /
Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor /
Harmonic distortion [1W/1m]



rot / red: K2 grün / green: K3

Weitere Informationen und technische Details unter www.soaudio.de