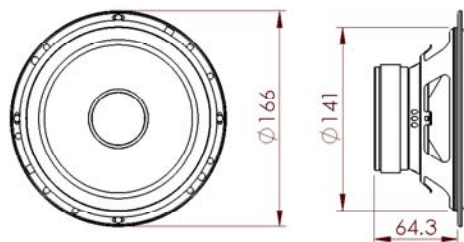


Datenblatt / Speaker Specification

Bezeichnung /
Denomination: Set S0165-2.8

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 cm²

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

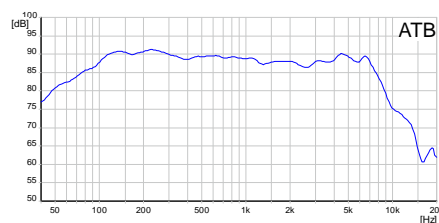
Äquivalentvolumen /
Equivalent air volume V_{as} 16 dm³

Wirkungsgrad /
Efficiency η 0.42 %

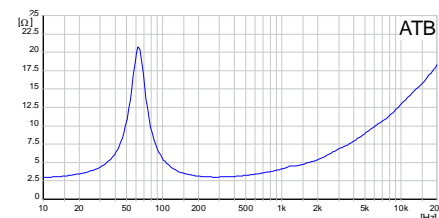
SPL 1W/1m 88,5 dB

SPL 2,83V/1m 93 dB

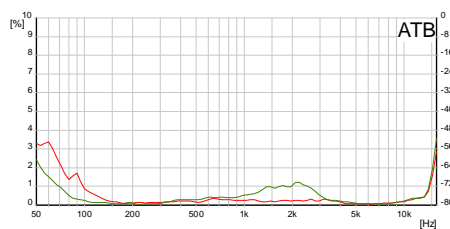
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor / Harmonic distortion [1W/1m]



rot / red: K2 grün / green: K3



Vertrieb:

Gernot Grabosch
Lilienweg 4
D-91093 Hessdorf

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

Hersteller :

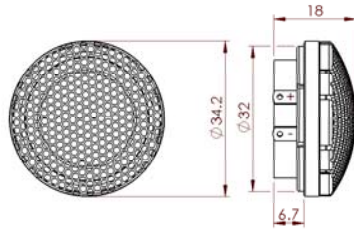
Ehmann & Partner GmbH
Bernbrunner Str. 54
D-74831 Gundelsheim

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

Datenblatt / Speaker Specification

Bezeichnung /
Denomination: Set S019neo

Artikel-Nr. /
Article-No.: 970 0025 00



www.soaudio.de

Gleichstromwiderstand/ DC resistance	R_{dc} 3.4 Ω
Nennimpedanz/ Nominal impedance	Z_N 4 Ω
Resonanzfrequenz / Resonance frequency	f_s 1.5 kHz

Spulendurchmesser/ Voice coil diameter	19 mm
Spulenbreite/ Voice coil height	1.2 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
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Effektive Membranfläche/ Effective piston area	S_m cm ²
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Mechanischer Widerstand/ Mechanical resistance	R_{ms} Kg/s
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Nachgiebigkeit/ Compliance	C_{ms} mm/N
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Antriebsfaktor/ Force factor	BL Tm
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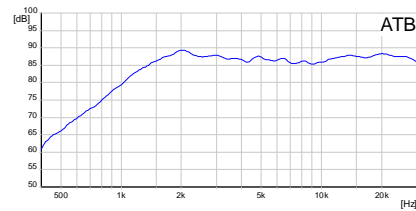
Äquivalentvolumen/ Equivalent air volume	V_{as} dm ³
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Wirkungsgrad/ Efficiency	η %
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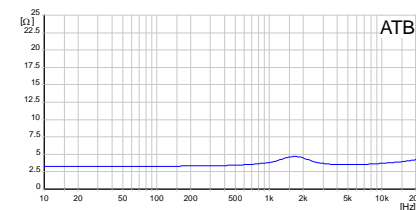
SPL 1W/1m	dB
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SPL 2,83V/1m	dB
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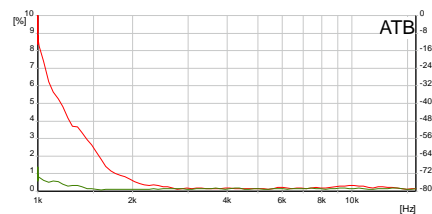
Frequenzgang /
Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor /
Harmonic distortion [1W/1m]



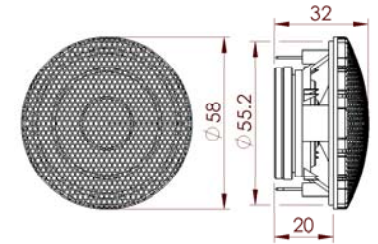
rot / red: K2 grün / green: K3

Weitere Informationen und technische Details unter www.soaudio.de

Datenblatt / Speaker Specification

Bezeichnung /
Denomination: Set S055neo

Artikel-Nr. /
Article-No.: 970 0024 00



www.soaudio.de

Gleichstromwiderstand/ DC resistance	R_{dc} 3.4 Ω
Nennimpedanz/ Nominal impedance	Z_N 4 Ω
Resonanzfrequenz / Resonance frequency	f_s 239 HZ

Spulendurchmesser/ Voice coil diameter	12 mm
Spulenbreite/ Voice coil height	2.5 mm

Mechanische Güte / Mechanical Q factor	Q_{ms} 4.6
Elektrische Güte / Electrical Q factor	Q_{es} 0.8
Gesamtgüte / Total Q factor	Q_{ts} 0.7

Dynamisch bewegte Masse/ Moving mass	m_d 0.9 g
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Effektive Membranfläche/ Effective piston area	S_m 15.2 cm ²
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Mechanischer Widerstand/ Mechanical resistance	R_{ms} 0.29 Kg/s
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Nachgiebigkeit/ Compliance	C_{ms} 0.5 mm/N
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Antriebsfaktor/ Force factor	BL 2.46 Tm
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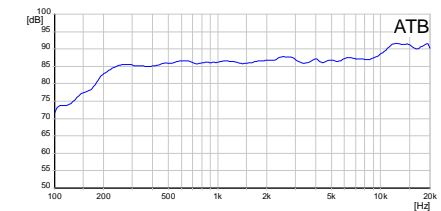
Äquivalentvolumen/ Equivalent air volume	V_{as} 0.16 dm ³
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Wirkungsgrad/ Efficiency	η 0.26 %
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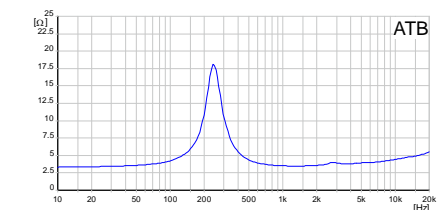
SPL 1W/1m	86,5 dB
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SPL 2,83V/1m	89,9 dB
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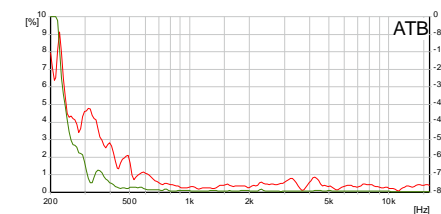
Frequenzgang /
Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor /
Harmonic distortion [1W/1m]



rot / red: K2 grün / green: K3

Weitere Informationen und technische Details unter www.soaudio.de