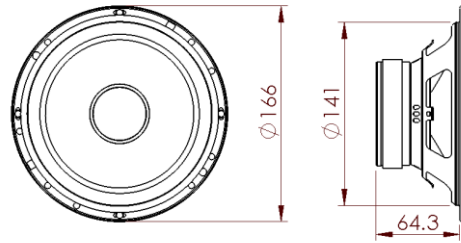


Datenblatt / Speaker Specification

Bezeichnung /
Denomination: Set S0165-2.8

Artikel-Nr. /
Article-No.: 970 0028 00



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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

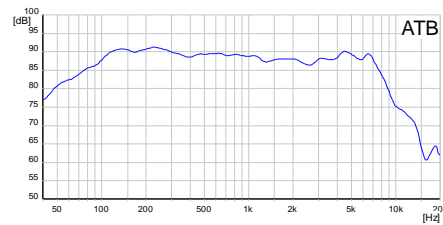
Äquivalentvolumen /
Equivalent air volume V_{as} 16 dm³

Wirkungsgrad /
Efficiency η 0.42 %

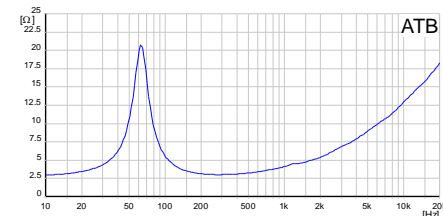
SPL 1W/1m 88,5 dB

SPL 2,83V/1m 93 dB

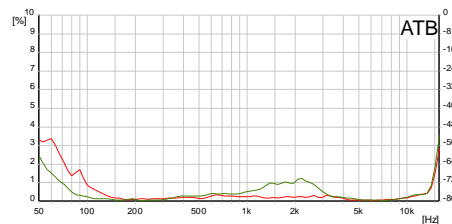
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor / Harmonic distortion [1W/1m]



rot / red: K2 grün / green: K3



Vertrieb:

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Lilienweg 4
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Tel: +49 (0)172 23 90 92 3
Email: gernot@audio-gym.com

Hersteller :

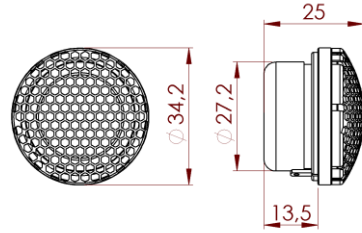
Ehmann & Partner GmbH
Bernbrunner Str. 54
D-74831 Gundelsheim

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

Datenblatt / Speaker Specification

Bezeichnung / Denomination: Set SO19neo-V

Artikel-Nr. / Article-No.: 970 0032 00



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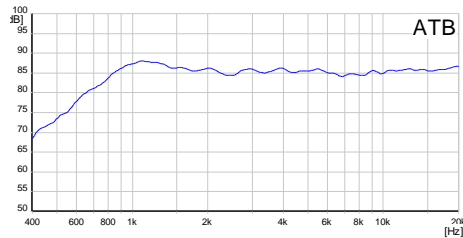
Gleichstromwiderstand / DC resistance	R_{dc} 3.4 Ω
Nennimpedanz / Nominal impedance	Z_N 4 Ω
Resonanzfrequenz / Resonance frequency	f_s 990 HZ

Spulendurchmesser / Voice coil diameter	19 mm
Spulenbreite / Voice coil height	1.2 mm

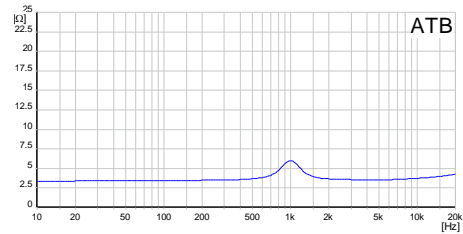
Mechanische Güte / Mechanical Q factor	Q_{ms}
Elektrische Güte / Electrical Q factor	Q_{es}
Gesamtgüte / Total Q factor	Q_{ts}

Dynamisch bewegte Masse / Moving mass	m_d g
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

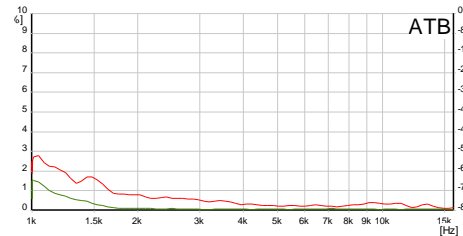
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor / Harmonic distortion [1W/1m]



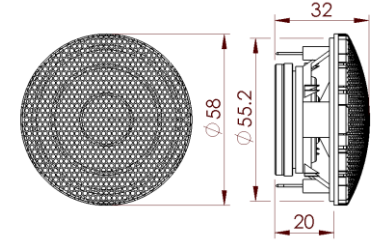
rot / red: K2 grün / green: K3

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Datenblatt / Speaker Specification

Bezeichnung / Denomination: Set SO55neo

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



www.soaudio.de

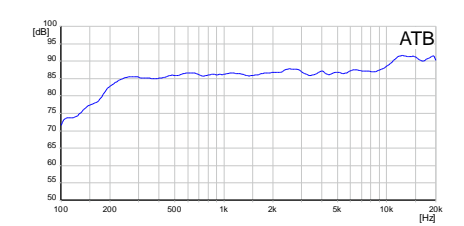
Gleichstromwiderstand / DC resistance	R_{dc} 3.4 Ω
Nennimpedanz / Nominal impedance	Z_N 4 Ω
Resonanzfrequenz / Resonance frequency	f_s 239 HZ

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

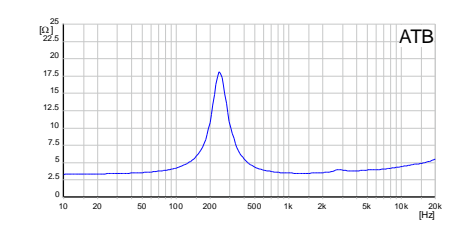
Mechanische Güte / Mechanical Q factor	Q_{ms} 4.6
Elektrische Güte / Electrical Q factor	Q_{es} 0.8
Gesamtgüte / Total Q factor	Q_{ts} 0.7

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

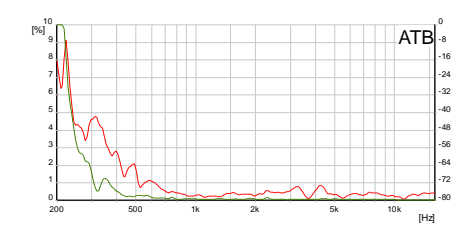
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktor / Harmonic distortion [1W/1m]



rot / red: K2 grün / green: K3

Weitere Informationen und technische Details unter www.soaudio.de