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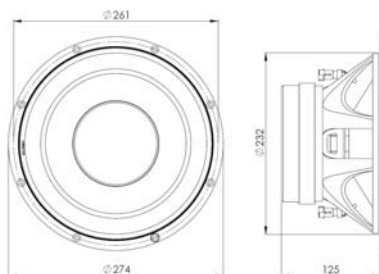
# Datenblatt / Speaker Specification

Bezeichnung /  
Denomination:

S0250-2x2

Artikel-Nr. /  
Article-No.:

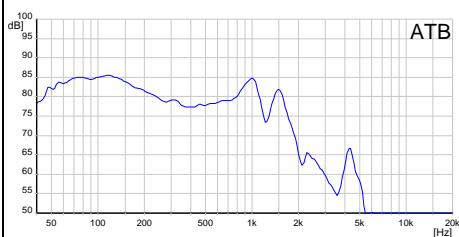
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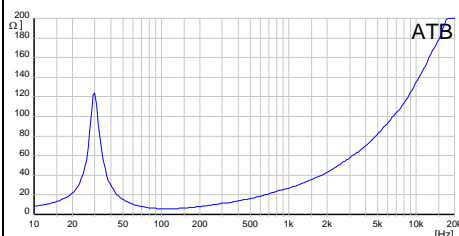
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Gleichstromwiderstand/ DC resistance (2.1 Ω + 2.1 Ω)	$R_{dc}$	4.2	Ω
Nennimpedanz/ Nominal impedance	$Z_N$	5	Ω
Spulen Induktivität/ (10KHz) Voice coil inductance	$L_e$	2.4	mH
Resonanzfrequenz / Resonance frequency	$f_s$	29	HZ
Spulendurchmesser/ Voice coil diameter		65	mm
Spulenbreite/ Voice coil height		30	mm
Linearer Hub/ Linear excursion		±10	mm
Mechanische Güte / Mechanical Q factor	$Q_{ms}$	8.4	
Elektrische Güte / Electrical Q factor	$Q_{es}$	0.4	
Gesamtgüte / Total Q factor	$Q_{ts}$	0.39	
Dynamisch bewegte Masse/ Moving mass	$m_d$	138	g
Effektive Membranfläche/ Effective piston area	$S_d$	346	cm <sup>2</sup>
Mechanischer Widerstand/ Mechanical resistance	$R_{ms}$	3.0	kg/s
Nachgiebigkeit/ Compliance	$C_{ms}$	0.22	mm/N
Antriebsfaktor/ Force factor	$BL$	16.3	Tm
Äquivalentvolumen/ Equivalent air volume	$V_{as}$	37.5	dm <sup>3</sup>
Wirkungsgrad/ Efficiency	$\eta$	0.22	%
SPL 1W/1m		85.6	dB
SPL 2,83V/1m		88.4	dB

## Frequenzgang / Frequency response [1W/1m]



## Impedanzverlauf / Impedance



## Klirrfaktor / Harmonic distortion [1W/1m]



rot / red: K2 grün / green: K3

Additional information and technical details at [www.soaudio.de](http://www.soaudio.de)