

W18NX003 E0096-08

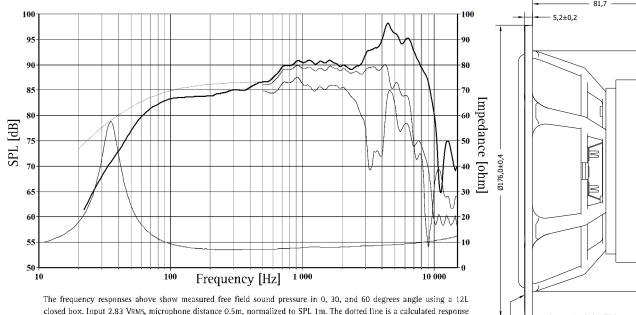
Paper cone with a unique Nextel top coating combined with a back coating for extra damping gives an unparalleled smooth and detailed paper cone sound.

FEA optimised magnet system with precisely fitted copper parts represents the stateof-the-art regarding linearity and low distortion.

Titanium voice coil former with a long copper clad aluminium winding for excellent force transfer, transient sound reproduction and large linear excursion. A unique adaptive rubber surround reduces radial resonances and prevents surround break up at large excursions. Low mechanical and electromagnetic damping ensure high quality reproduction of even the finest micro details in music.

The extremely stiff and stable injection moulded metal basket keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.





closed box. Input 2.83 VRMS, microphone distance 0.5m, normalized to SPL 1m. The dotted line is a calculated response in infinite baffle based on the parameters given for this specific driver. The impedance is measured in free air without baffle using a 2V sine signal.

Dec 2020

		81,7	
1	-	- 5,2±0,2	
Impedance [ohm]	0176.0±0,4	6 mounting holes Ø5.0 with pockets Ø8.7 equispaced on Ø166	

Recommended Frequency Range 20 - 3000 Hz Voice Coil Inductance 0.12 mH Short Term Power Handling * 280 W Force Factor 7.4 N/A Long Term Power Handling * 200 W Free Air Resonance 35 Hz Characteristic Sensitivity (2,83V, 1m) 87.6 dB Moving Mass 15 g Voice Coil Diameter 39 mm Suspension Compliance 1.36 mm/N Voice Coil Height 20 mm Suspension Mechanical Resistance 1.07 Ns/m Air Gap Height 6 mm Effective Piston Area 126 cm² Linear Coil Travel (p-p) 14 mm VAS 31 Litres Maximum Coil Travel (p-p) 24 mm QMS 3.11 Magnetic Gap Flux Density 1.3 T QES 0.38 Magnet Weight 0.9 kg QTS 0.34 Total Weight 2.4 kg	Nominal Impedance	8 Ohms	Voice Coil Resistance	6.3 Ohms
Long Term Power Handling * 200 W Free Air Resonance 35 Hz Characteristic Sensitivity (2,83V, 1m) 87.6 dB Moving Mass 15 g Voice Coil Diameter 39 mm Suspension Compliance 1.36 mm/N Voice Coil Height 20 mm Suspension Mechanical Resistance 1.07 Ns/m Air Gap Height 6 mm Effective Piston Area 126 cm² Linear Coil Travel (p-p) 14 mm VAS 31 Litres Maximum Coil Travel (p-p) 24 mm QMS 3.11 Magnetic Gap Flux Density 1.3 T QES 0.38 Magnet Weight 0.9 kg QTS 0.34	Recommended Frequency Range	20 - 3000 Hz	Voice Coil Inductance	0.12 mH
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Voice Coil Diameter39 mmSuspension Compliance1.36 mm/NVoice Coil Height20 mmSuspension Mechanical Resistance1.07 Ns/mAir Gap Height6 mmEffective Piston Area126 cm²Linear Coil Travel (p-p)14 mmVAS31 LitresMaximum Coil Travel (p-p)24 mmQMS3.11Magnetic Gap Flux Density1.3 TQES0.38Magnet Weight0.9 kgQTS0.34	Long Term Power Handling *	200 W	Free Air Resonance	35 Hz
Voice Coil Height 20 mm Suspension Mechanical Resistance 1.07 Ns/m Air Gap Height 6 mm Effective Piston Area 126 cm² Linear Coil Travel (p-p) 14 mm VAS 31 Litres Maximum Coil Travel (p-p) 24 mm QMS 3.11 Magnetic Gap Flux Density 1.3 T QES 0.38 Magnet Weight 0.9 kg QTS 0.34	Characteristic Sensitivity (2,83V, 1m)	87.6 dB	Moving Mass	15 g
Air Gap Height 6 mm Effective Piston Area 126 cm² Linear Coil Travel (p-p) 14 mm VAS 31 Litres Maximum Coil Travel (p-p) 24 mm QMS 3.11 Magnetic Gap Flux Density 1.3 T QES 0.38 Magnet Weight 0.9 kg QTS 0.34	Voice Coil Diameter	39 mm	Suspension Compliance	1.36 mm/N
Linear Coil Travel (p-p) 14 mm VAS 31 Litres Maximum Coil Travel (p-p) 24 mm QMS 3.11 Magnetic Gap Flux Density 1.3 T QES 0.38 Magnet Weight 0.9 kg QTS 0.34	Voice Coil Height	20 mm	Suspension Mechanical Resistance	1.07 Ns/m
Maximum Coil Travel (p-p)24 mmQMS3.11Magnetic Gap Flux Density1.3 TQES0.38Magnet Weight0.9 kgQTS0.34	Air Gap Height	6 mm	Effective Piston Area	126 cm ²
Magnetic Gap Flux Density1.3 TQES0.38Magnet Weight0.9 kgQTS0.34	Linear Coil Travel (p-p)	14 mm	VAS	31 Litres
Magnet Weight 0.9 kg QTS 0.34	Maximum Coil Travel (p-p)	24 mm	QMS	3.11
	Magnetic Gap Flux Density	1.3 T	QES	0.38
Total Weight 2.4 kg	Magnet Weight	0.9 kg	QTS	0.34
	Total Weight	2.4 kg		

*IEC 268-5 SEAS reserves the right to change technical data

RoHS compliant product www.seas.no