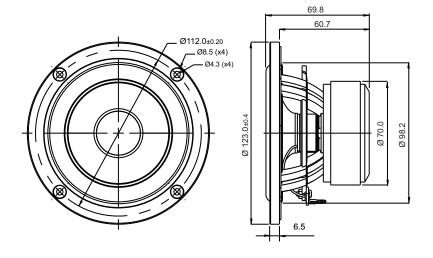


4" SB12NRXF25-4





FEATURES

- Proprietary cone material with natural fibres made in-house
- Foam surround for maximum transparency and midrange resolution
- Vented pole piece for reduced compression
- Vented cast aluminium chassis for optimum strength and low compression
- CCAW voice coil for reduced moving mass
- Long life silver lead wires
- Non-conducting fibre glass coil former for minimum damping
- Shorting ring in motor system for reduced distortion

Specs:

Nominal Impedance 4Ω Free air resonance, Fs 61Hz DC resistance, Re 3.1Ω Sensitivity $(2.83\text{V}/1\text{m})$ 87 dB Voice coil inductance, Le 0.27mH Mechanical Q-factor, Qms 5.3 Effective piston area, Sd 50cm^2 Electrical Q-factor, Qes 0.53 Voice coil diameter 25.4mm Total Q-factor, Qts 0.48 Voice coil height 15mm Moving mass incl.air, Mms 5.8g Air gap height 5mm Force factor, Bl 3.6Tm Linear coil travel (p-p) 10mm Equivalent volume, Vas 4.1liters Magnetic flux density 0.84T Compliance, Cms 1.17mm/N Magnet weight 0.32kg Mechanical loss, Rms 0.42kg/s Net weight 0.75kg Rated power handling* 30W	specs.			
Voice coil inductance, Le 0.27 mH Mechanical Q-factor, Qms 5.3 Effective piston area, Sd 50 cm² Electrical Q-factor, Qes 0.53 Voice coil diameter 25.4 mm Total Q-factor, Qts 0.48 Voice coil height 15 mm Moving mass incl.air, Mms 5.8 g Air gap height 5 mm Force factor, Bl 3.6 Tm Linear coil travel (p-p) 10 mm Equivalent volume, Vas 4.1 liters Magnetic flux density 0.84 T Compliance, Cms 1.17 mm/N Magnet weight 0.32 kg Mechanical loss, Rms 0.42 kg/s	Nominal Impedance	4 Ω	Free air resonance, Fs	61 Hz
Effective piston area, Sd 50 cm² Electrical Q-factor, Qes 0.53 Voice coil diameter 25.4 mm Total Q-factor, Qts 0.48 Voice coil height 15 mm Moving mass incl.air, Mms 5.8 g Air gap height 5 mm Force factor, Bl 3.6 Tm Linear coil travel (p-p) 10 mm Equivalent volume, Vas 4.1 liters Magnetic flux density 0.84 T Compliance, Cms 1.17 mm/N Magnet weight 0.32 kg Mechanical loss, Rms 0.42 kg/s	DC resistance, Re	3.1Ω	Sensitivity (2.83 V / 1 m)	87 dB
Voice coil diameter25.4 mmTotal Q-factor, Qts0.48Voice coil height15 mmMoving mass incl.air, Mms5.8 gAir gap height5 mmForce factor, Bl3.6 TmLinear coil travel (p-p)10 mmEquivalent volume, Vas4.1 litersMagnetic flux density0.84 TCompliance, Cms1.17 mm/NMagnet weight0.32 kgMechanical loss, Rms0.42 kg/s	Voice coil inductance, Le	0.27 mH	Mechanical Q-factor, Qms	5.3
Voice coil height15 mmMoving mass incl.air, Mms5.8 gAir gap height5 mmForce factor, Bl3.6 TmLinear coil travel (p-p)10 mmEquivalent volume, Vas4.1 litersMagnetic flux density0.84 TCompliance, Cms1.17 mm/NMagnet weight0.32 kgMechanical loss, Rms0.42 kg/s	Effective piston area, Sd	50 cm ²	Electrical Q-factor, Qes	0.53
Air gap height 5 mm Force factor, BI 3.6 Tm Linear coil travel (p-p) 10 mm Equivalent volume, Vas 4.1 liters Magnetic flux density 0.84 T Compliance, Cms 1.17 mm/N Magnet weight 0.32 kg Mechanical loss, Rms 0.42 kg/s	Voice coil diameter	25.4 mm	Total Q-factor, Qts	0.48
Linear coil travel (p-p) 10 mm Equivalent volume, Vas 4.1 liters Magnetic flux density 0.84 T Compliance, Cms 1.17 mm/N Magnet weight 0.32 kg Mechanical loss, Rms 0.42 kg/s	Voice coil height	15 mm	Moving mass incl.air, Mms	5.8 g
Magnetic flux density 0.84 T Compliance, Cms 1.17 mm/N Magnet weight 0.32 kg Mechanical loss, Rms 0.42 kg/s	Air gap height	5 mm	Force factor, BI	3.6 Tm
Magnet weight 0.32 kg Mechanical loss, Rms 0.42 kg/s	Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	4.1 liters
5.12 kg/s	Magnetic flux density	0.84 T	Compliance, Cms	1.17 mm/N
Net weight 0.75 kg Rated power handling* 30 W	Magnet weight	0.32 kg	Mechanical loss, Rms	0.42 kg/s
	Net weight	0.75 kg	Rated power handling*	30 W

^{*} IEC 268-5, T/S parameters measured on drive units that are broken in.

Box recommendations:

Sealed box : 4L - 11L (Less damped - Damped) Reflex box : Not recommended

