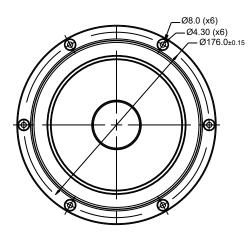
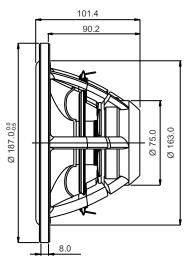
71/2" SATORI MW19P-8

satori®









FEATURES

- Vented aerodynamic cast aluminium chassis for optimum strength and low compression
- Proprietary cone material with EGYPTIAN PAPYRUS[™] fibres made in-house
- Soft low damping rubber surround for optimum transient response
- Advanced BIMAX spider for improved linearity
- Powerful optimized low distortion neodymium motor system
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and reduced distortion
- CCAW voice coil for reduced moving mass
- Long life silver lead wires attached 180° apart for improved stability
- Vented pole piece for reduced compression
- High piston to chassis diameter ratio
- Gasket and bolt hole protrusions for reduced coupling to speaker cabinet

Specs:

Nominal Impedance8 Ω Free air resonance, Fs32.5 HzDC resistance, Re6.0 Ω Sensitivity (2.83 V / 1 m)89 dBVoice coil inductance, Le0.20 mHMechanical Q-factor, Qms4.06Effective piston area, Sd158 cm²Electrical Q-factor, Qes0.36Voice coil diameter39 mmTotal Q-factor, Qts0.33Voice coil height19.4 mmMoving mass incl.air, Mms17.9 gAir gap height6 mmForce factor, Bl7.8 TmLinear coil travel (p-p)13.4 mmEquivalent volume, Vas48 litersMagnetic flux density1.1 TCompliance, Cms1.35 mm/NMagnet weight (NEO)0.15 kgMechanical loss, Rms0.9 kg/sNet weight1.48 kgRated power handling*70 W					
Voice coil inductance, Le 0.20 mH Effective piston area, Sd 158 cm² Voice coil diameter 39 mm Voice coil height 19.4 mm Air gap height 6 mm Linear coil travel (p-p) 13.4 mm Magnetic flux density 1.1 T Mechanical Q-factor, Qms 4.06 Electrical Q-factor, Qes 0.36 Total Q-factor, Qts 0.33 Moving mass incl.air, Mms 17.9 g Force factor, Bl 7.8 Tm Equivalent volume, Vas 48 liters Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Nominal Impedance		8 Ω	Free air resonance, Fs	32.5 Hz
Effective piston area, Sd 158 cm² Electrical Q-factor, Qes 0.36 Voice coil diameter 39 mm Total Q-factor, Qts 0.33 Voice coil height 19.4 mm Moving mass incl.air, Mms 17.9 g Air gap height 6 mm Force factor, Bl 7.8 Tm Linear coil travel (p-p) 13.4 mm Equivalent volume, Vas 48 liters Magnetic flux density 1.1 T Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	DC resistance, Re		6.0 Ω	Sensitivity (2.83 V / 1 m)	89 dB
Voice coil diameter 39 mm Total Q-factor, Qts 0.33 Voice coil height 19.4 mm Moving mass incl.air, Mms 17.9 g Air gap height 6 mm Force factor, Bl 7.8 Tm Linear coil travel (p-p) 13.4 mm Equivalent volume, Vas 48 liters Magnetic flux density 1.1 T Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Voice coil inductance, Le		0.20 mH	Mechanical Q-factor, Qms	4.06
Voice coil height 19.4 mm Moving mass incl.air, Mms 17.9 g Air gap height 6 mm Force factor, Bl 7.8 Tm Linear coil travel (p-p) 13.4 mm Equivalent volume, Vas 48 liters Magnetic flux density 1.1 T Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Effective pistor	area, Sd	158 cm ²	Electrical Q-factor, Qes	0.36
Air gap height 6 mm Force factor, BI 7.8 Tm Linear coil travel (p-p) 13.4 mm Equivalent volume, Vas 48 liters Magnetic flux density 1.1 T Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Voice coil diam	eter	39 mm	Total Q-factor, Qts	0.33
Linear coil travel (p-p) 13.4 mm Equivalent volume, Vas 48 liters Magnetic flux density 1.1 T Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Voice coil heigl	nt	19.4 mm	Moving mass incl.air, Mms	17.9 g
Magnetic flux density 1.1 T Compliance, Cms 1.35 mm/N Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Air gap height		6 mm	Force factor, BI	7.8 Tm
Magnet weight (NEO) 0.15 kg Mechanical loss, Rms 0.9 kg/s	Linear coil trav	el (p-p)	13.4 mm	Equivalent volume, Vas	48 liters
	Magnetic flux of	lensity	1.1 T	Compliance, Cms	1.35 mm/N
Net weight 1.48 kg Rated power handling* 70 W	Magnet weight (NEO)		0.15 kg	Mechanical loss, Rms	0.9 kg/s
	Net weight		1.48 kg	Rated power handling*	70 W

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

Box recommendations:

Vented enclosure: 24 liters tuned to 37 Hz (Sealed enclosure: 14-25 liters)

