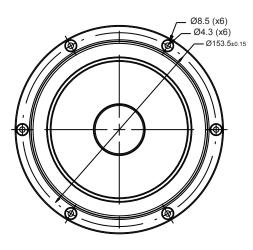
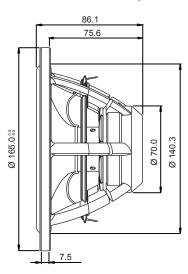
sator

6¹/₂" SATORI MR16PNW-8

Preliminary Data







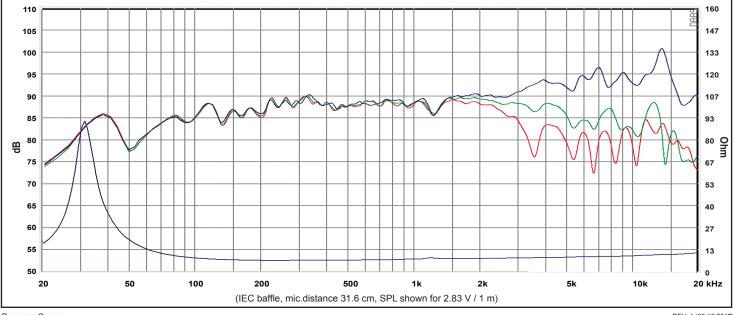
Specs :

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 and coil former for reduced compression.
- · High piston to chassis diameter ratio.
- · Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.
- Mode balanced cone for reduced break-up.

Nominal Impedance 8Ω 32 Hz Free air resonance, Fs 88 dB 6.2 Ω DC resistance, Re Sensitivity (2.83 V/1m) 5.11 Voice coil inductance, Le 0.11 mH Mechanical Q-factor, Qms Effective piston area, Sd 119 cm² 0.32 Electrical Q-factor. Qes Total Q-factor, Qts 0.3 Voice coil diameter 35.5 mm Voice coil height 11.2 mm Moving mass incl. air, Mms 10.6 g 6.5 Tm Air gap height 5 mm Force factor, BI 44.3 liters Linear coil travel (p-p) 6.2 mm Equivalent volume, Vas 2.3 mm/N Magnetic flux density 1.17 T Compliance, Cms Magnet weight (NEO) 0.13 kg 0.4 kg/s Mechanical loss, Rms 30 W 1 kg Rated power handling* Net weight

* IEC 268-5, high-pass Butterworth, 200 Hz, 12 dB/oct.



Response Curve (Blue) : on axis

--- (Green) : 30° off-axis

(Red): 60° off-axis