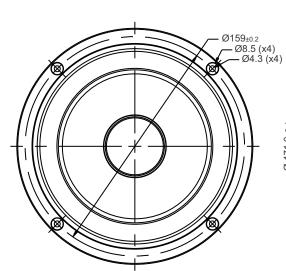
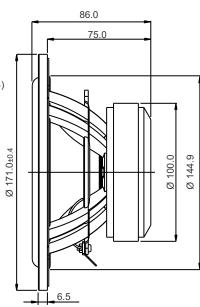
## **SIACOUSTICS**

## 6" SB17MFC35-8









## **FEATURES**

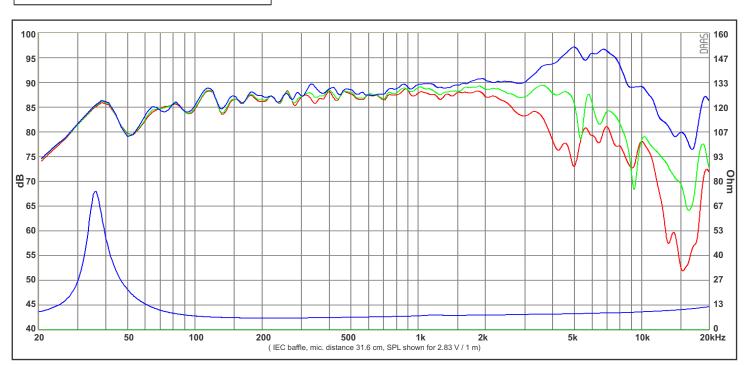
- · Vented cast aluminium chassis for optimum strength and low compression
- Mineral filled PP-cone made in-house
- Soft low damping rubber surround for improved transient response
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion
- · CCAW voice coil for reduced moving mass
- Long life silver lead wires
- Vented pole piece for reduced compression

## Specs:

Nominal Impedance	8Ω
DC resistance, Re	5.7 Ω
Voice coil inductance, Le	0.15 mH
Effective piston area, Sd	118 cm <sup>2</sup>
Voice coil diameter	35.5 mm
Voice coil height	16 mm
Air gap height	5 mm
Linear coil travel (p-p)	11 mm
Magnetic flux density	1.0 T
Magnet weight	0.54 kg
Net weight	1.56 kg

Free air resonance, Fs  Sensitivity (2.83 V / 1 m)  Mechanical Q-factor, Qms  Electrical Q-factor, Qes  Total Q-factor, Qts  Moving mass incl.air, Mms  Force factor, Bl  Equivalent volume, Vas  Compliance, Cms  Nechanical loss, Rms  Rated power handling*  33 Hz  88 dB  4.9  6.9  5.9  1.8  1.8  1.8  5.9  Tm  1.9  Tmm/N  0.5  Kg/s		
Mechanical Q-factor, Qms  Electrical Q-factor, Qes  O.40  Total Q-factor, Qts  O.37  Moving mass incl.air, Mms  Force factor, Bl  Equivalent volume, Vas  Compliance, Cms  Mechanical loss, Rms  O.5 kg/s	Free air resonance, Fs	33 Hz
Electrical Q-factor, Qes 0.40  Total Q-factor, Qts 0.37  Moving mass incl.air, Mms 11.8 g  Force factor, Bl 5.9 Tm  Equivalent volume, Vas 39 liters  Compliance, Cms 1.97 mm/N  Mechanical loss, Rms 0.5 kg/s	Sensitivity (2.83 V / 1 m)	88 dB
Total Q-factor, Qts 0.37  Moving mass incl.air, Mms 11.8 g  Force factor, Bl 5.9 Tm  Equivalent volume, Vas 39 liters  Compliance, Cms 1.97 mm/N  Mechanical loss, Rms 0.5 kg/s	Mechanical Q-factor, Qms	4.9
Moving mass incl.air, Mms 11.8 g  Force factor, BI 5.9 Tm  Equivalent volume, Vas 39 liters  Compliance, Cms 1.97 mm/N  Mechanical loss, Rms 0.5 kg/s	Electrical Q-factor, Qes	0.40
Force factor, BI 5.9 Tm  Equivalent volume, Vas 39 liters  Compliance, Cms 1.97 mm/N  Mechanical loss, Rms 0.5 kg/s	Total Q-factor, Qts	0.37
Equivalent volume, Vas 39 liters  Compliance, Cms 1.97 mm/N  Mechanical loss, Rms 0.5 kg/s	Moving mass incl.air, Mms	11.8 g
Compliance, Cms 1.97 mm/N Mechanical loss, Rms 0.5 kg/s	Force factor, BI	5.9 Tm
Mechanical loss, Rms 0.5 kg/s	Equivalent volume, Vas	39 liters
D (	Compliance, Cms	1.97 mm/N
Rated power handling* 60 W	Mechanical loss, Rms	0.5 kg/s
	Rated power handling*	60 W

<sup>\*</sup> IEC 268-5, T/S parameters measured on drive units that are broken in.



- (Blue) : on axis

— (Green) : 30° off-axis

--- ( Red ) : 60° off-axis