

## Technical data

Power RMS / max.	P	200 / 400 Watts	
Impedance	Z	2 x 2 Ω	
DC resistance	Rc	3.4 Ω	
Resonance frequency	Fs	46 Hz	
Mechanical Q factor	Qms	4.45	
Electrical Q factor	Qes	0.59	
Total Q factor	Qts	0.52	
Compliance	Cms	272 μm/N	
Equivalent air volume	Vas	17.3 L	
Force factor	B <sup>2</sup> l	8.6 Tm	
Efficiency 1 W / 1 m	SPL	90 dB	
Cone area	Sd	214 cm <sup>2</sup>	
Moving mass	Mms	44.2 g	
Cone material		Hand-scooped paper cone	
Mechanical resistance	Rms	0.74 kg/s	
Voice coil diameter	ø	42.5 mm	
Voice coil winding height		12.5 mm	
Max. linear excursion	X <sub>max</sub>	+/- 4.0 mm	
Outer diameter	ø	239 mm / 9.41"	
Installation diameter	ø	175 mm / 6.89"	
Installation depth		40 mm / 1.57"	
<b>Recommended enclosure volumes</b>			
<b>Sealed box</b>			
Net volume		3 L	
Lower limiting frequency (-3dB)		63 Hz	
DSP settings		- Highpass: Butterworth; 12 dB/octave; crossover frequency 40 Hz - Additional EQ filter: center frequency 90 Hz; Q factor 3.0; gain -4 dB - Lowpass: Butterworth; 24 dB/octave; crossover frequency 80 - 100 Hz	
<b>Vented box</b>		For one subwoofer	For two subwoofers
Net volume		12 L	24 L
Port diameter	ø	60 mm / 2.36"	80 mm / 3.15"
Port area		28 cm <sup>2</sup>	50 cm <sup>2</sup>
Port length		25 cm / 9.84"	20 cm / 3.94"
Port tuning frequency	Fb	46 Hz	46 Hz
Lower limiting frequency (-3dB)		45 Hz	45 Hz
DSP settings		- Highpass: Self-Define; crossover frequency 40 Hz; Q factor 1.3 - Additional EQ filter: center frequency 67 Hz; Q factor 3.0; gain -3 dB - Lowpass: Butterworth; 24 dB/octave; crossover frequency 80 - 100 Hz	