

Unparalleled Power Density

Shown below is a scaled comparison of an SM23165DT and a competitive integrated solution.

The SM23165DT has a continuous output power of ~200Watts at 3800RPM. The competitive integrated solution is rated at 75Watts at 3000RPM.

This shows a stark contrast to the compactness and efficiency of the Animatics SmartMotor technology.

For any given servo drive amplifier, with higher current demands, more heat will be generated.

SmartMotor™ has the lowest thermal heat up of any conventional or integrated package on the market. Less surface area is required to dissipate heat resulting in a more compact design. No fans, no large heat sinks! Multi-axis machines become more compact. Power consumption is reduced as well resulting in lower operating cost.

Motors are shown to scale with each other

