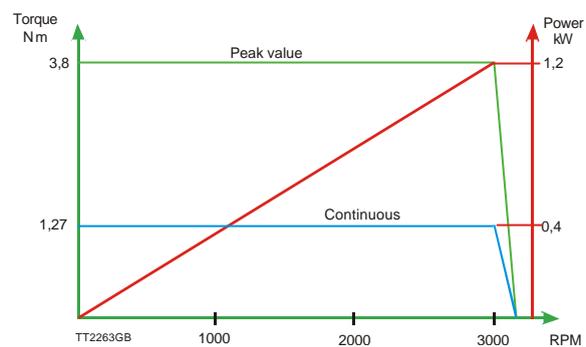
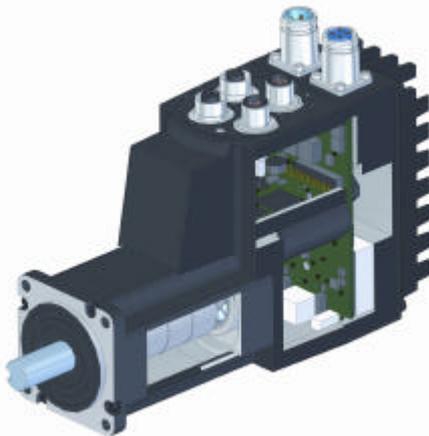


Triple torque at all speeds

Integrated MAC400 servo motor provides more compact machines at lower prices



A unique feature on the market for integrated servo drivers is the JVL MAC400 motor's provision of both 3 x nominal torque at peak torque and full peak torque at all speeds.

This means that the power of the motor can be fully utilized. Equally important is the fact that in the majority of applications a smaller motor rating can be used, since peak torque is normally only required during acceleration or braking (deceleration). And this means it is possible to achieve more compact machinery at lower prices. JVL has had these 2 characteristics as key parameters throughout the development of the entire range of MAC Integrated Servo Motors — and triple-torque with flat torque characteristics therefore also applies to the MAC050...141 and MAC800 motors.

MAC400 thus delivers 1.2kW peak, while MAC800 delivers 2.2kW peak. Given these characteristics, it is quite remarkable that JVL's R&D department achieved this performance without the use of a cooling fan, using only cooling fins. After the extensive development work, JVL now expects to have the MAC400 UL recognized. Already now the MAC400 is UL pending.

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