



Supplementary information L80 stepper drive module



A high-current addition to the DIN rail stepper drive system

The L80 series drive modules extend the current rating of the 75-volt L range of DIN rail mounting stepper drives to 8A peak. These new drives are ideally suited to applications that require higher torque at low to medium speeds, but do not need the higher speed capability of the 170-volt H series.

The L80 is housed in the same enclosure as the L25 and L50 units, the higher power being achieved with the assistance of built-in fan cooling. With the exception of the output and logic supply current ratings, the performance and functionality of L80 drives is identical to that of equivalent L25 and L50 units. The torque-speed curves opposite show the performance with Parker SY series stepper motors.

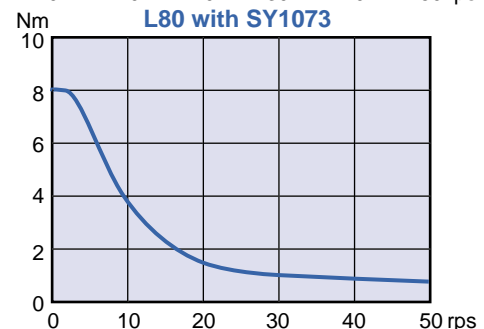
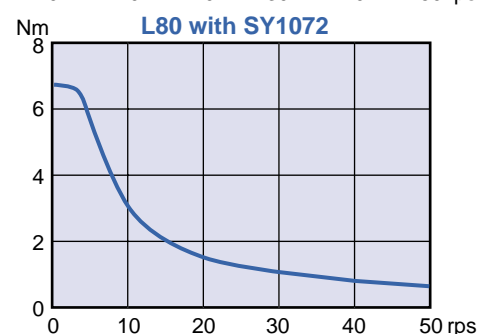
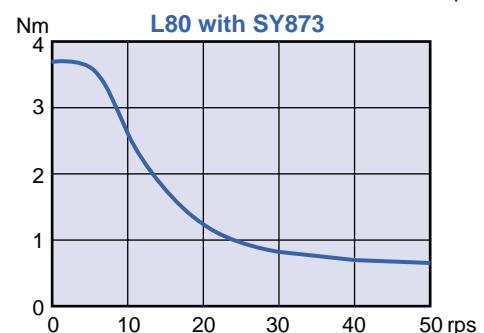
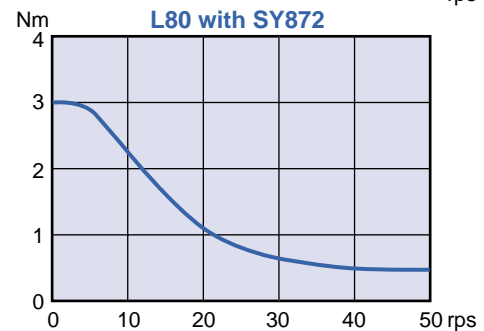
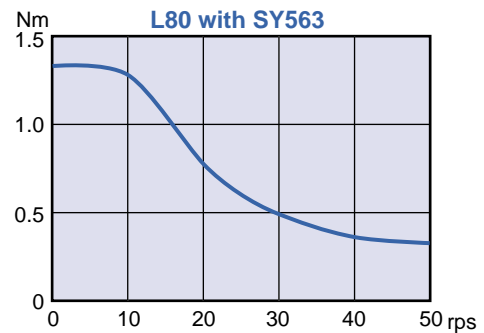
L80 drives are available in step-direction, indexer and CAN versions. Full information will be found in the the DIN Rail Stepper Drive System brochure 1600.262.03/UK.

L80 series specifications

Output current per phase	8A peak
Logic supply current	L80: 150mA L80i/iD: 250mA (no I/O load), 650mA (max. I/O load) L80C/CD: 270mA (no I/O load), 670mA (max. I/O load)

For all other specification details, please refer to the brochure mentioned above.*

*Note: at the time of launch this product is not UL recognised.



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