

NEMA 23 Servo Motor with Improved Efficiency and Power



QuickSilver Controls, Inc. expands its line of servo motors with the QCI-A23L-3. This servo motor provides almost 33% higher power output capability than the similarly sized motor it replaces. This power increase comes with an efficiency improvement of approximately 15% over the speed range of the motor. Performance is especially improved at higher speeds.

This OEM system (pictured) includes the 48V SilverDust D2-IG-01 controller which is only 2.75" (70mm) x 3.00" (76mm).

QCI-23L-3

- 84 oz-in (0.59 Nm) Continuous Torque
- 122 oz-in (0.86 Nm) Peak Torque
- 80 Watts Continuous Mechanical Power
- 8000 count/rev Encoder
- 4000 RPM

With QCI's ability to handle inertial mismatches of 100:1, this motor is ideal for driving large flywheel loads without additional gearing.

The QCI-A23L-3 is an economical solution for motion control applications including semiconductor, packaging, medical and food processing.

See the QuickSilver website for a detailed datasheet (QCI-DS008).

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QuickSilver Controls, Inc.

QCI-A23L-3 with
SilverDust D2 (QCI-D2-IG-01)

