

Brushless DC motors with integral drive promote simplified installation and optimized operation

MCG brand MA34000 series brushless DC motors feature an integral drive to simplify installation and promote smooth, quiet, and efficient operation. These NEMA 34 motors ideally suit non-traditional servo applications where one direction is required and speed control is not crucial. The integral single quadrant drive for 3-phase electronic commutation allows for an overall compact design. Internally, pre-wired drive and feedback connections contribute to lower EMI and reduced audible noise. Internal Hall sensors provide closed loop velocity control, and integral electronics can be tailored for specific operating parameters. Brushless technology imparts long service life without the maintenance and wear issues typically associated with brush-commutated products.

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