BLDC Drives & Motors

Applied Motion Products is proud to announce the release of our new line of brushless DC motor drives. The BD5 is a brushless DC motor drive that is based on advanced control technology featuring excellent performance and ease of use. The drive is aimed at OEM applications that require high performance, high speed stability, basic speed control and low cost. Its velocity modes are controlled by way of analog or multispeed digital inputs. The supply voltage for the drive is 12 to 48 VDC with an operating current of 5 amps RMS continuous and a peak current of 10 amps RMS.

The BD5 brushless drive is an efficient and well-featured drive for use with our line of brushless DC motors. It provides stable velocity control over a wide speed range. Motor speed can be controlled by an on-board trimpot, a 0-5 volt analog input, or via the drive's digital inputs. Dedicated stop and enable inputs are available, along with a dynamic braking feature that brings the motor to zero speed in a quick and controlled fashion.

To compliment the BD5 drives, Applied Motion Products is offering three performance matched 42mm brushless DC motors. Maximum speed is 4500 rpm. Max continuous torque is 0.225 N-m (32 ounce-inches).

The BL series brushless motors offer long life and low maintenance. They come in metric frame sizes and are offered with optional gearheads for applications demanding high torque. These are three-phase brushless motors with hall signals for commutation and velocity loop feedback.

Applied Motion Products
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