

SLVD: THE new economic and compact 230Vac drive!

Parker Hannifin Divisione S.B.C. has launched a series of small high-performance brushless servo drives called "SLVD". The SLVD drives measures 141mm X 86mm X 140mm and the family includes models that can deliver continuous current from 1.25A up to 15A and peak current from 2.5A up to 30A. SLVD is designed for 230Vac voltage supply (single or three-phase, also for direct-on-line operation). The drives enable high torque and acceleration/deceleration figures to be obtained from small frame size units.

SLVD has a range of standard motion control functions: current, torque and speed control, positioning, digital lock, electronic cam, real-time mode, homing functions and position capture.

In addition, SLVD has an on-board PLC programmable with standard languages.

Fieldbuses include RS422/485 and CanOpen as standard, and DeviceNet/Profibus interfaces available via an optional gateway. The drive also offers industry-standard step-direction and $\pm 10V$ analog control inputs.

In addition to resolver and encoder inputs, the drive features two digital and two analog inputs, two digital and an encoder emulation output. All digital I/O uses PLC-compatible 24V signal levels.

SLVD has internal braking resistor as standard and IP54 protection degree.

