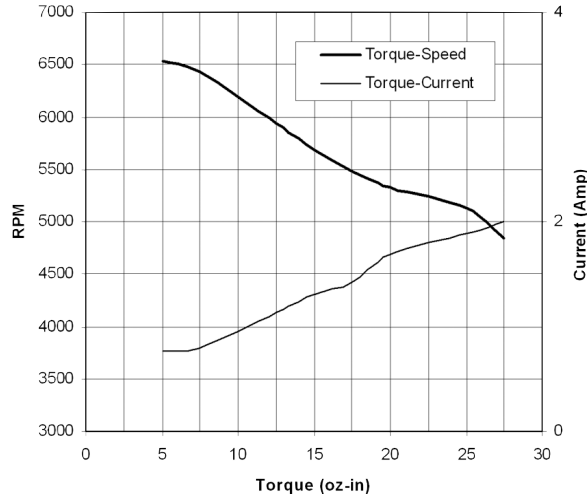


Torque Speed Curves

BLWS232S-36V-4000 with MDC200-048051, 120VAC



Specifications

Power Requirements: (TB4, Pins 1 and 2) 85VAC(min) - 135VAC (max)

Output Current Range: 1.0 - 5.0 Amps (Peak)
0.5 - 2.5 Amps (Continuous)

Operating Temperature: Heat Sink 0° - 70°C

Hall Sensor Power Output: (6.25V @30mA maximum. Typical current draw from hall sensors is 20mA. All three Hal Sensor inputs are pulled up through 20K ohm resistors. The external speed control potentiometer must be 10K Ohms.

Open Loop/ Closed Loop (Constant Velocity Mode)
To operate Open Loop, the O/C LOOP switch (SW1 - pos1) must be in the 'on' position.
To operate Closed Loop, the O/C LOOP switch must be in the 'off' position and the CL ADJ potentiometer (R3) and CL ADJ dip switches (SW1 - pos2-4) must be set to optimize the driver for each application. The Closed Loop adjustments are needed for faster and slower motor operation, within the restrictions of the motor rated speed.

Hookup:

