



FRIESEN POWER

ELECTRIC MOTORS
AND CONTROLS

**Two
Horsepower
Solution**

ENLQL-CV



FEATURE/BENEFITS

Friesen Power motors have the following significant features over the competition.

- Better than premium efficiency operation
- Quieter
- Smaller (superior power density)
- Lighter
- No Cogging
- Reduced EM/RF Interference
- Superior low-end torque
- Cleaner power impacts
- Integrated Controller
- Brushless

DESCRIPTION

Friesen Power motors are the most advanced axial flux motors on the market today. They are designed for superior torque, efficient operation and long life.

Packaged solution includes motor and control. All specifications and dimensions incorporate the complete motor solution.

MODEL

ENLQL-CV

FRAME

143TC

Continuous Ratings	English	Metric
Voltage	110 VAC	
Speed	3450 rpm	
Torque	3.04 lb-ft	4.11 Nm
Current	16 Amps	
Power Consumption	1755 Watts	
Power Output	1.5 hp	1492 Watts
System Efficiency	88%	

Dimensions

Package Weight	16 lbs	7.25 kg
Diameter	7 in	17.78 cm
Length	6 in	15.24 cm
Rabbit diameter	4.5 in	11.43 cm
Bolt Circle Diameter	5.875 in	14.92 cm
Bolt Thread Size	3/8 x 16	n/a
Thread Depth	.5625 in	1.43 cm
Shaft Diameter	0.625 in	1.59 cm
Shaft Length	1.88 in	4.78 cm
Shaft Threads	1/2 x 20	n/a
Keyway	0.187 in	0.47 cm