



FRIESEN POWER

ELECTRIC MOTORS
AND CONTROLS

**One-Fifth
Horsepower
Solution**

EKCQL-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

EKCQL-CV

FRAME

48C

Continuous Ratings	English	Metric
Voltage	110 VAC	
Speed	3450 rpm	
Torque	3.65 lb-in	410 mNm
Current	1.6 Amps	
Power Consumption	176 Watts	
Power Output	1/5 hp	150 Watts
System Efficiency	85%	

Dimensions

Package Weight	5.2 lbs	2.36 kg
Diameter	6 in	15.24 cm
Length	4 in	10.16 cm
Rabbit diameter	3 in	7.62 cm
Bolt Circle Diameter	4 in	10.16 cm
Bolt Thread Size	3/8 x 16	n/a
Thread Depth	.56 in	1.4 cm
Shaft Diameter	.625 in	1.6 cm
Shaft Length	1.88 in	4.775 cm
Shaft Threads	.5 in x 20	n/a
Keyway	.187 in	.475 cm