



FRIESEN POWER

ELECTRIC MOTORS
AND CONTROLS

One and One Half Horsepower Solution

ENKQO-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 | ENKQO-CV | |
|--------------------|-----------------|------------|
| FRAME | 143TC | |
| Continuous Ratings | English | Metric |
| Voltage | 440 VAC | |
| Speed | 3450 rpm | |
| Torque | 2.28 lb-ft | 3.08 Nm |
| Current | 3 Amps | |
| Power Consumption | 1316 Watts | |
| Power Output | 1.5 hp | 1120 Watts |
| System Efficiency | 85% | |

| 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 |