



FRIESEN POWER

ELECTRIC MOTORS
AND CONTROLS

Fifty Horsepower Solution

IUVMO-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	IUVMO-CV	
FRAME	324TC	
Continuous Ratings	English	Metric
Voltage	440 VAC	
Speed	1780 rpm	
Torque	147.5 lb-ft	199 Nm
Current	88 Amps	
Power Consumption	38854 Watts	
Power Output	50 hp	37300 Watts
System Efficiency	95%	

Dimensions		
Package Weight	220 lbs	100 kg
Diameter	16 in	40.6 cm
Length	16 in	40.6 cm
Rabbit diameter	12.5 in	31.75 cm
Bolt Circle Diameter	11 in	28 cm
Bolt Thread Size	5/8 x 11	n/a
Thread Depth	0.75 in	1.91 cm
Shaft Diameter	2.125 in	5.4 cm
Shaft Length	5.25 in	13.34 cm
Shaft Threads	n/a	n/a
Keyway	0.5 in	1.27 cm