



FRIESEN POWER

ELECTRIC MOTORS
AND CONTROLS

**One Hundred
Horsepower
Solution**

IWYMO-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	IWYMO-CV	
FRAME	445TC	
Continuous Ratings	English	Metric
Voltage	440 VAC	
Speed	1790 rpm	
Torque	293.3 lb-ft	396 Nm
Current	700 Amps	
Power Consumption	58280 Watts	
Power Output	100 hp	55950 Watts
System Efficiency	96%	

Dimensions		
Package Weight	370 lbs	170 kg
Diameter	22 in	45.76 cm
Length	18 in	45.76 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	2.375 in	6 cm
Shaft Length	5.875 in	14.9 cm
Shaft Threads	n/a	n/a
Keyway	0.625 in	1.6 cm