

Item Number

05B-32-0410-D10-322-0

Mounting Style IEC 90 B14

Enclosure Totally Enclosed Fan Cooled

Rated Power HP 1.00

Rated Power Watts 745

Rated Speed RPM 1800

Rated Frequency (Hz) 90

Number of Poles 6

Full Load Amps: 2.1

Torque (in lb) 35

Power Factor .64

Efficiency (%) 92.3

Rotor Inertia (lb-in²) 10.24

Back EMF L-L (V/k RPM) 118.9

Resistance L-L Ω 8.79

Inductance (Lsd/Lsq) 26.3/94

Peak Amps 4.93

Peak Torque (in lb) 85.78

Length (in) 7.48

Weight (lbs) 16.2

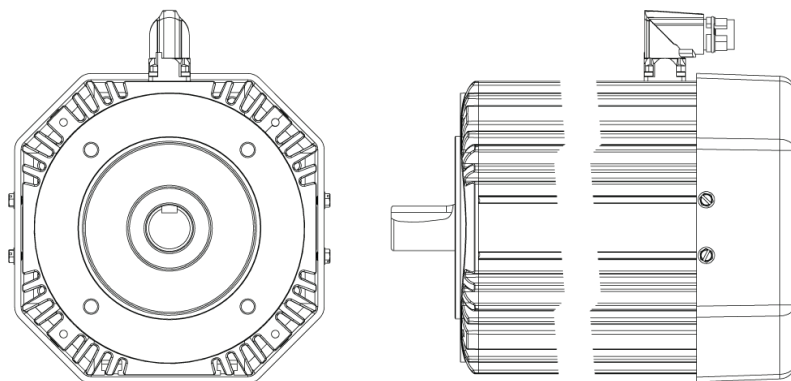
Motor Shaft Diameter (in) 0.95

Shaft Extension Length (in) 1.87

Looking for:

- Dimensional Drawings
- 3D CAD files
- User Manual

Go To www.BisonVFsync.com



Bison Variable Frequency Drives

This motor requires a variable frequency drive that is designed to run permanent magnet synchronous 230/460 volt, three phase AC motors. The following drives are compatible with this motor.



IP20 drive for in cabinet mounting

Part Number	Input Power	HP	Amps
DW40412	3~ 460 V	2	4.1



IP66 drive for exterior mounting

Part Number	Input Power	HP	Amps
DW40416	3~ 460 V	2	4.1

Power Cables

This motor comes standard with an M17 power swivel connector. The following quick connect cables are available to link the motor and drive.



Part Number	Length
191-05B-0001	1 Meter
191-05B-0002	3 Meters
191-05B-0003	6 Meters