



LEESON Electric Corporation

1051 Cheyenne Avenue

Grafton, WI 53024

E-Mail: sales@leeson.com • Web site: www.leeson.com



Item # 116747.00, AC Three Phase Totally Enclosed Motors

List Price \$997.00

2HP..1745/1435RPM.56.TEFC.208-230/460V.3PH.60/50HZ.CONT.AUTOMATIC.40C.1.25/1.25SF.RIGID
C.WATTSAYER.C6T17FK97C

[Features / Advantages / Benefits](#) · [Application and Uses](#) · [Specifications](#)

Features / Advantages / Benefits

- Standard, EPACT and Premium efficient ratings
- Inverter-rated
- Shielded ball bearings for direct coupled applications
- Continuous duty
- Dynamically balanced rotors Torques exceed NEMA Performance standards
- UL recognized and CSA certified

Application and Uses

- For use where exposure to water, dust and corrosives exists. Ideally suited for use on pumps, compressors, fans, blowers, conveyors, machine tools and other industrial applications

Specifications

Motor Type	TF
Horsepower	2 hp 1.49 kW
RPM (60 Hz)	1745 RPM
RPM (50 Hz)	1435 RPM
HP1 - Horsepower (60 Hz)	2 hp
HP2 - Horsepower (50 Hz)	2 hp
Phase	3
Frequency	60/50 Hz
Voltage for 60 Hz	208-230/460 V
Voltage for 50 Hz	190/380 V
Current	7.3-7/3.5 & 8/4 A
Nameplate AMPS	Amps
Efficiency	86.5

Efficiency	Premium
Full Load Efficiency (60 Hz)	86.5
Number of Poles	4
Duty	Continuous
Mount Type	Rigid
Enclosure Type	TEFC
Frame Type	56
Insulation Type	F4
Temperature	40 °C
Shaft Diameter	5/8 in
C Dimension	13.82 in
Material	Rolled Steel
Weight	43 lb
Service Factor	1.25
Service Factor AMPS	6-5.8/2.9 & 6.8/3.4
Power Factor	75.6
Severe Duty Features	False
Overload Protector	Automatic
Thermal Protector	Tstats (N/C)
NEMA Design	B
Start Method	Across The Line
Electrical Type	SQ Cage Ind Run
KVA Code	L
Rotation	REV