



**LEESON Electric Corporation**

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**Item # 116759.00, AC Three Phase Totally Enclosed Motors**

**List Price \$777.00**

1.5HP..1750/1450RPM.56.TEFC.208-

230/460V.3PH.60/50HZ.CONT.AUTOMATIC.40C.1.25/1.25SF.RIGID.WATTSAYER.C6T17FB150B

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### 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	1 1/2 hp 1.12 kW
RPM (60 Hz)	1750 RPM
RPM (50 Hz)	1450 RPM
HP1 - Horsepower (60 Hz)	1 1/2 hp
HP2 - Horsepower (50 Hz)	1 1/2 hp
Phase	3
Frequency	60/50 Hz
Voltage for 60 Hz	208-230/460 V
Voltage for 50 Hz	190/380 V
Current	5.2-5.4/2.7 & 6/3 A

<b>Nameplate AMPS</b>	Amps
<b>Efficiency</b>	86.5
<b>Efficiency</b>	Premium
<b>Full Load Efficiency (60 Hz)</b>	86.5
<b>Number of Poles</b>	4
<b>Duty</b>	Continuous
<b>Mount Type</b>	Rigid
<b>Enclosure Type</b>	TEFC
<b>Frame Type</b>	56
<b>Insulation Type</b>	F4
<b>Temperature</b>	40 °C
<b>Shaft Diameter</b>	5/8 in
<b>C Dimension</b>	13.31 in
<b>Material</b>	Rolled Steel
<b>Weight</b>	34 lb
<b>Service Factor</b>	1.25
<b>Service Factor AMPS</b>	4.6-4.8/2.4 & 5/2.5
<b>Power Factor</b>	67.7
<b>Severe Duty Features</b>	False
<b>Overload Protector</b>	Automatic
<b>Thermal Protector</b>	Tstats (N/C)
<b>NEMA Design</b>	B
<b>Start Method</b>	Across The Line
<b>Electrical Type</b>	SQ Cage Ind Run
<b>KVA Code</b>	L
<b>Rotation</b>	REV