

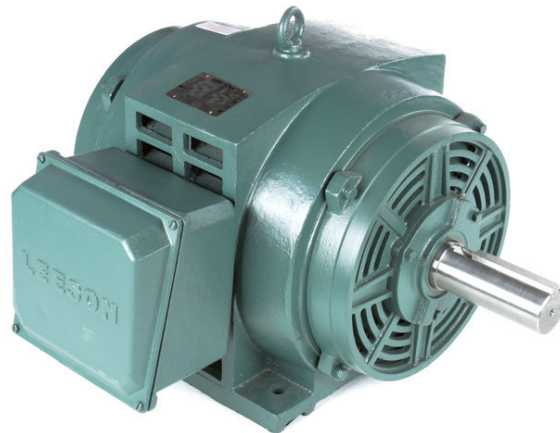
PRODUCT INFORMATION PACKET



Model No: 171573.60

Catalog No: 171573.60

WATTSaver® General Purpose Motor, 200 & 200 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM,
444TS Frame, DP



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Nameplate Specifications

Phase	3	Output HP	200 & 200 Hp
Output KW	149.0 & 149.0 kW	Voltage	460 & 380 V
Speed	3575 & rpm	Service Factor	1.25 & 1.25
Frame	444TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	216 & 264 A	Power Factor	90.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

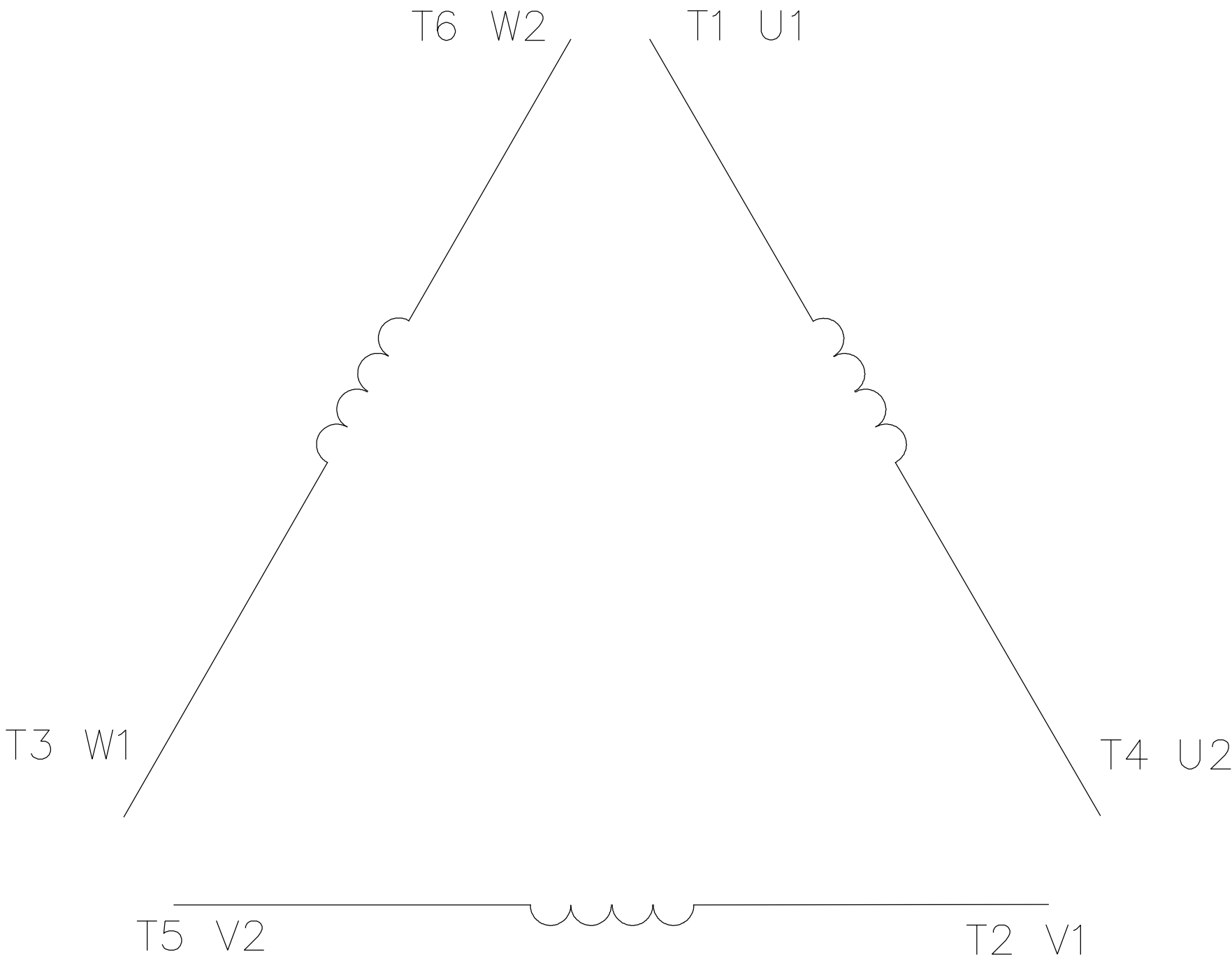
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.0167 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	36.22 in
Shaft Diameter	2.375 in	Shaft Extension	4.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS622135LE	Connection Drawing	005190-01



				TOLERANCES UNLESS SPECIFIED	 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN MSG 05-19-2008				
			DEC.	INCHES		CHK ML 05-20-2008				
			.X	±.1		APPD SB 05-20-2008				
			.XX	±.03		SCALE 3=16				
			.XXX	±.005		REF 171573.60				
			.XXXX	±.0005		FMF HEBEI				
NO.	REVISION	BY & DATE	CHK ANG ±7°30"	FINISH	PREV					
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005190-01



LEESON ELECTRIC CORPORATION



**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005190-01

CATALOG #: 171573.60

OUTLINE: SS622135LE

MOUNTING: F1/F2 CAPABLE

WINDING #: T22802003 DR 2 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
200&200	149&149	3600	3575	444TS	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	460&380	216&264	Y START D RUN OR INV	CONTINUOUS	F5	1.25/1.25	40

FULL LOAD EFF:	95.4&95	3/4 LOAD EFF:	95.4	1/2 LOAD EFF:	95	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	90.5&90	3/4 LOAD PF:	90.5	1/2 LOAD PF:	88	94.1		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
293.5 LB-FT	1345	454 LB-FT 155 %	1012 LB-FT 345 %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- dBA	- dBA	- LB-FT^2	- LB-FT^2	15 SEC.	2	1790 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	TS	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6314	6314						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: CONSTANT 4:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz

Data Sheet

Date: 1/31/2018

171573.60



Data @ 460 V

Motor Load Data

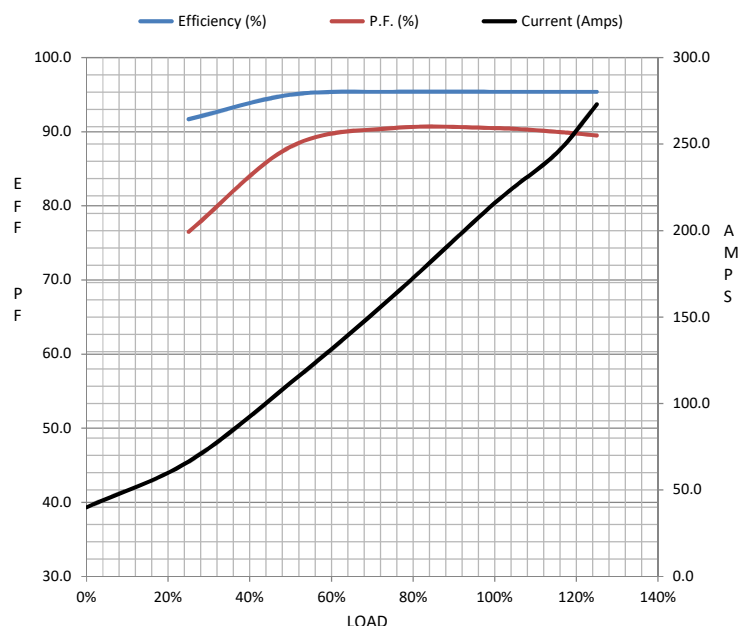
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	40.0	66.5	112	162	216	245	273	1,345	
Torque (ft-lb)	0.00	73.0	147	220	294	331	368	454	
RPM	3600	3595	3590	3585	3575	3,573	3570	0	
Efficiency (%)		91.7	95.0	95.4	95.4	95.4	95.4		
P.F. (%)	9.6	76.5	88.0	90.5	90.5	90.0	89.5	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	2500	3430	3575	3600
Current (Amps)	1,345	1,155	1,010	216	40.0
Torque (ft-lb)	454	343	1,012	294	0.00

Information Block

HP	200.0			
Sync. RPM	3600			
Frame	444			
Enclosure	DP			
Construction	TDC			
Voltage	460#380 V			
Frequency	60 Hz			
Design	A			
LR Code letter	G			
Service Factor	1.15			
Temp Rise @ FL	33 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk²	0.00 Lb-Ft²			
Ref Wdg	T22802003 DR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	CONSTANT 4:1			
Outline Dwg	SS622135LE			
Conn. Diag	005190-01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

