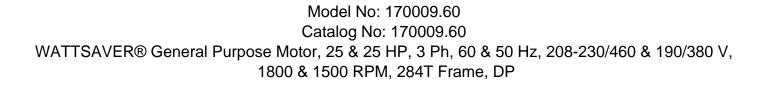
PRODUCT INFORMATION PACKET





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Product Information Packet: Model No: 170009.60, Catalog No:170009.60 WATTSAVER® General Purpose Motor, 25 & 25 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM, 284T Frame, DP

LEESON

Nameplate Specifications

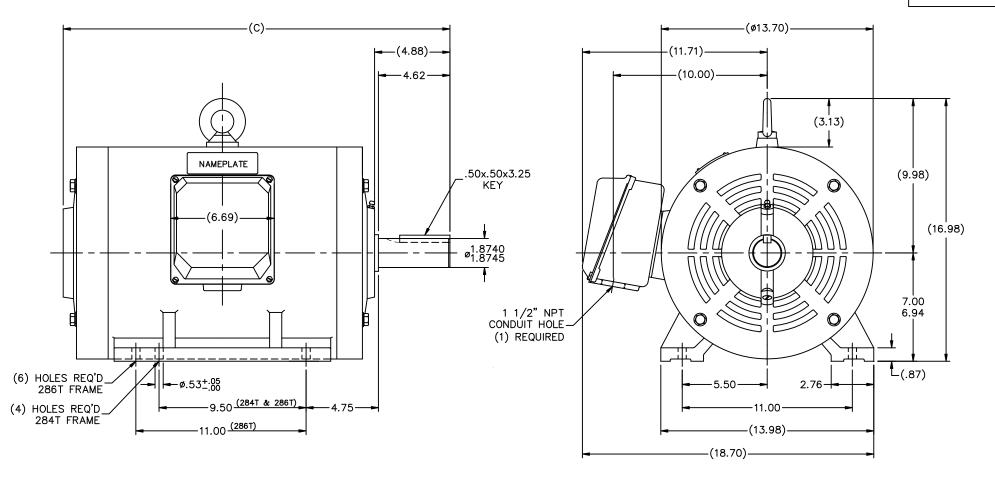
Phase	3	Output HP	25 & 25 Hp
Output KW	18.7 & 18.7 kW	Voltage	208-230/460 & 190/380 V
Speed	1780 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	284T	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	66-59.6/29.8 & 54/27 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6211
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	4	Rotation	Reversible
Resistance Main	.072 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Overall Length	23.54 in
Shaft Diameter	1.875 in	Shaft Extension	4.62 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	169552_60LE	Connection Drawing	004172.01

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169552-60LE



(DRAWING MAY NOT BE TO SCALE)

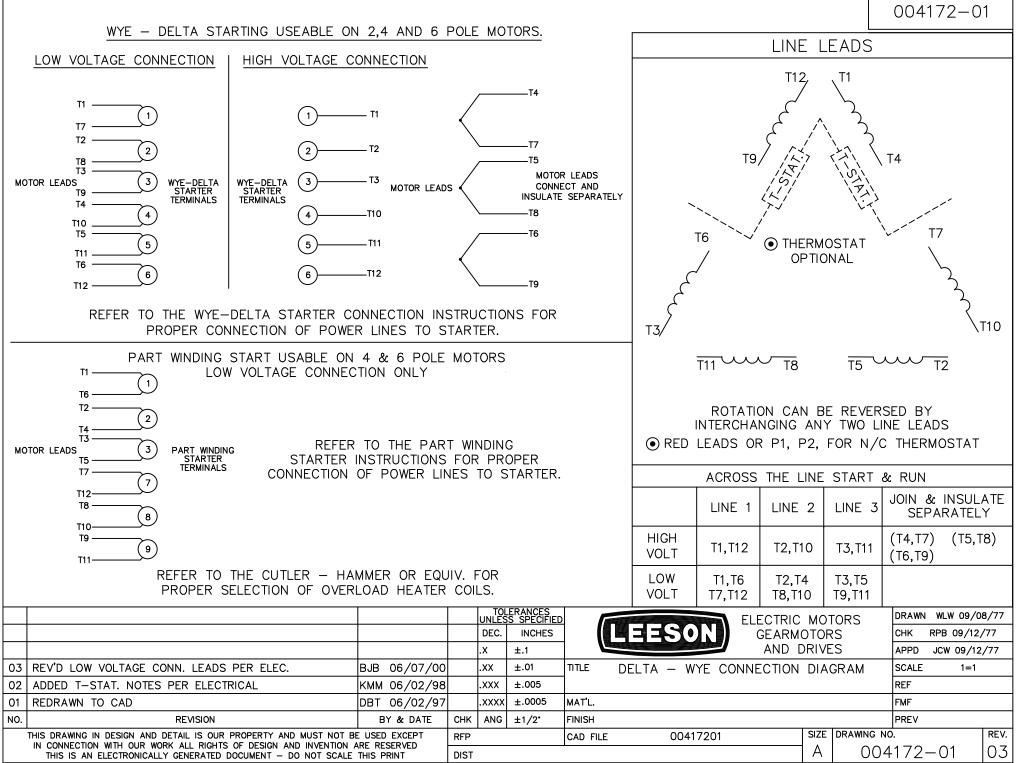
Г					TOL	ERANCES S SPECIFIED		07000		MSG 12-0	6-2005
ŀ					DEC.	INCHES		010K5		ML 12-0	
					.x	±0	AND DRI	VES	APPD	GK 12-0	8-2005
					.xx	±0	TITLE OUTLINE			1=4	4
				.XXX ±0		±0	280T FR. – DRIP PROOF – RIGID			169552	-60
					.xxxx	±0	MAT'L.				
	NO.	REVISION	BY & DATE	СНК	ANG	±0	FINISH		PREV		
			RFP	12-	09-2005	CAD FILE 169552_60le SIZE DRAWING N			E OF	REV.	
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT DIS			DIST LB				3 1695	52-	50LE	

23.54 25.00

"C"

284T 286T FRAME

DESIGN





CATALOG #: 170009.60

CONN. DIAGRAM: 004172.01

MOUNTING: F1/F2 CAPABLE

OUTLINE: 169552_60LE **WINDING #:** T14504007 DR 3 A

TYPICAL MOTOR PERFORMANCE DATA

НР	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
25&25	18.7&18.7	1800	1780&1480	284T	DP	G	В

ΡН	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	амв°с
3	60/50	208-230/460&190/380	66-59.6/29.8&54/27	Y START D RUN OR INV	CONTINUOUS	F5	1.15/1.15	40

FULL LOAD EFF:	93.6	3/4 LOAD EFF:	93.8	1/2 LOAD EFF:	92.8	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	84	3/4 LOAD PF:	81	1/2 LOAD PF:	71.6	-	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AM	PS L.R. TORQUE		B.D. TORQUE	F.L. RISE°C	
73.97 LB-F	r 382 / 191	141 LB-FT 1	90 % 218	LB-FT 294 %	0	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
- dBA	- dBA	4.03 LB-FT^2	4 LB-FT^2	- SEC.	-	- 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)

BEAR	RINGS	CREASE	SHAFT TYPE		SPECIAL ODE	SHAFT	FRAME	
DE	ODE			HAFT TYPE SPECIAL DE		MATERIAL	MATERIAL	
BALL	BALL			NONE	NONE			
6312	6211	POLYREX EM	I		NONE	1045 HOT ROLLED (C-204)	CAST IRON	

		THERMO-PROTECT	ORS	TUERMICTORC	CONTROL	SPACE HEATERS		
	THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	THERMISTORS	CONTROL	SPACE HEATERS	
	TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE	VOLTS
*					NVERTER TORQUE: NV. HP SPEED RANG		2:1	
Ν				E	NCODER: NONE			
0					ONE NONE	PPR		
т				E	RAKE: NONE	NONE		
E					IONE P/N NON	IE		
s				1	ONE FT-LB NO	NE V I	NO BRAKE	Hz

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