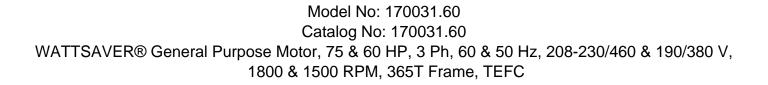
# **PRODUCT INFORMATION PACKET**





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Product Information Packet: Model No: 170031.60, Catalog No:170031.60 WATTSAVER® General Purpose Motor, 75 & 60 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM, 365T Frame, TEFC

# LEESON

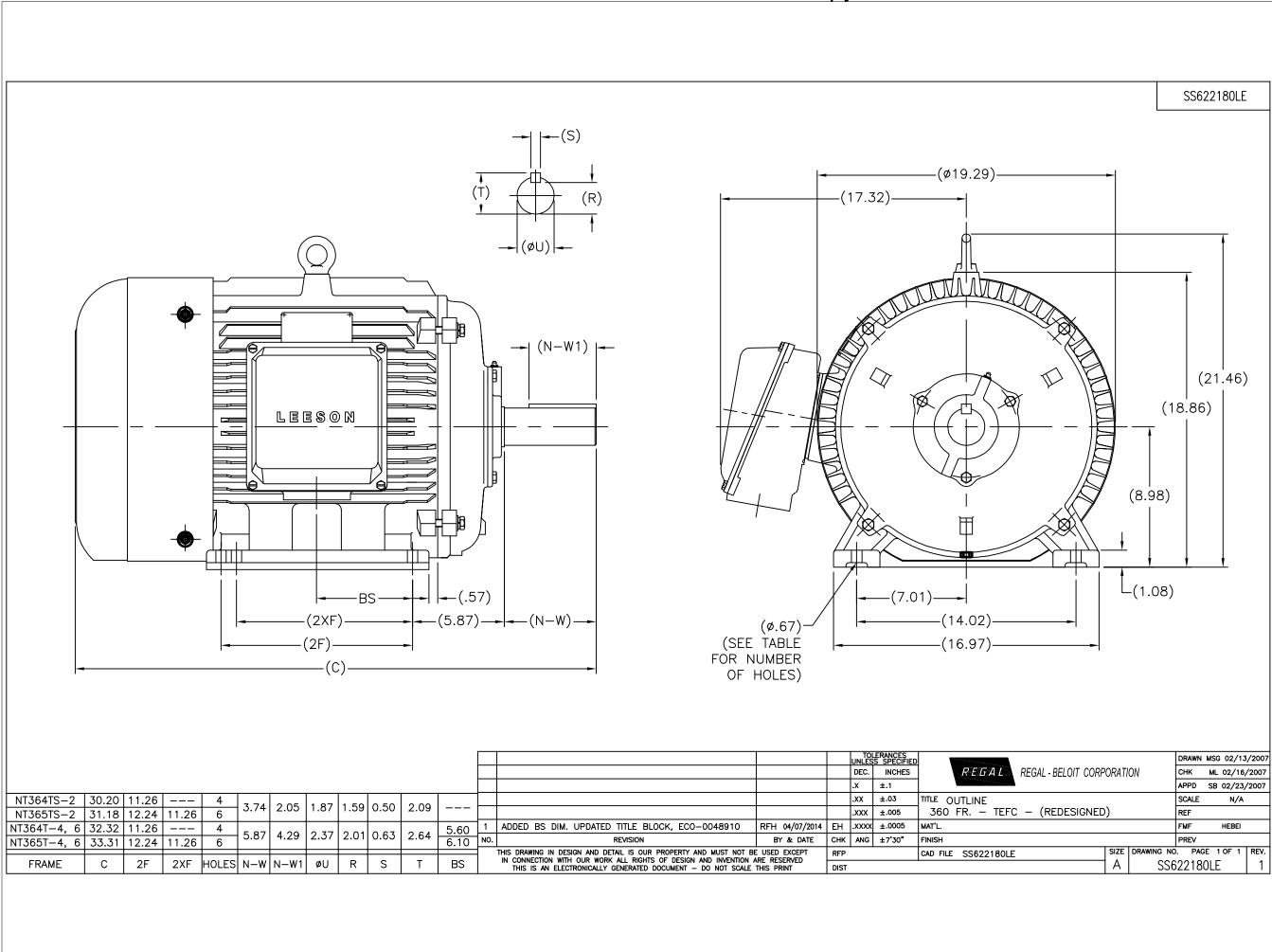
# Nameplate Specifications

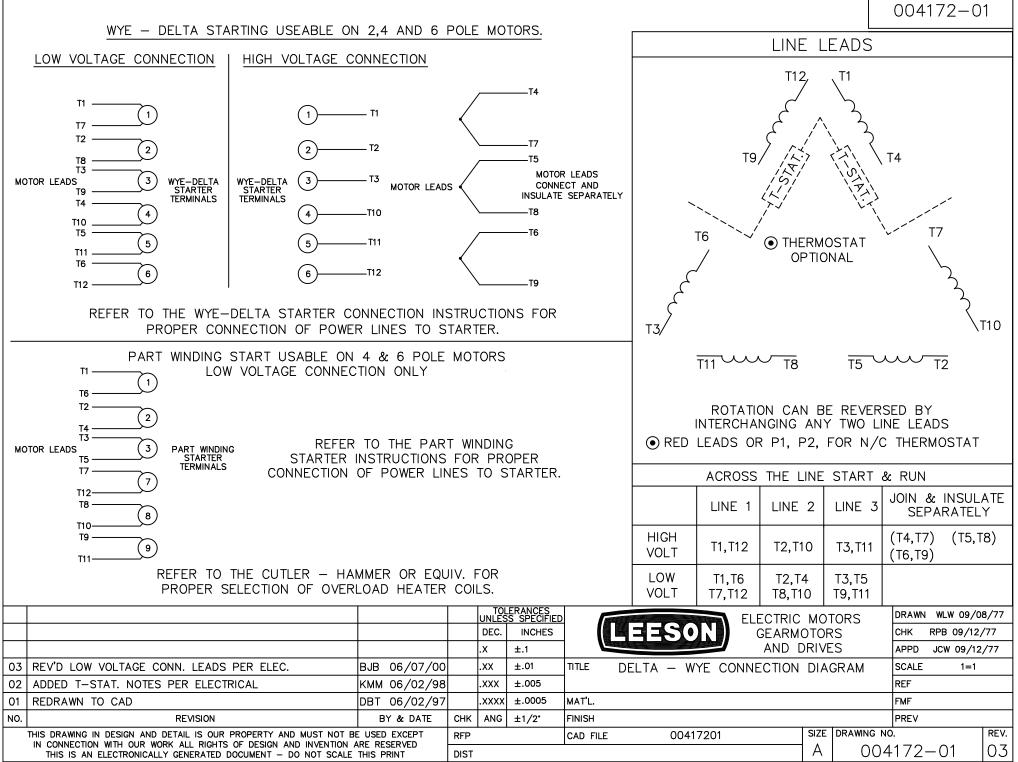
Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	365T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	187-171/85.5 & 166/83 A	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Υ
CE	Y	IP Code	43
Number of Speeds	1		

# **Technical Specifications**

Electrical Type	ical Type Squirrel Cage Inverter Rated		Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0509 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	33.31 in
Shaft Diameter	2.375 in	Shaft Extension	5.88 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS622180LE	Connection Drawing	004172.01

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#### CATALOG #: 170031.60

#### **CONN. DIAGRAM:** 004172.01

MOUNTING: F1/F2 CAPABLE

**OUTLINE:** SS622180LE **WINDING #:** T18304018 FR 3 A

#### TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75&60	56.0&45.0	1800	1785&1485	365T	TEFC	G	В

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	208-230/460&190/380	187-171/85.5&166/83	Y START D RUN OR INV	CONTINUOUS	F5	1.15/1.15	40

FULL LOAD EFF:	95.8	3/4 LOAD EFF:	95.8	1/2 LOAD EFF:	95.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	85.5	3/4 LOAD PF:	83	1/2 LOAD PF:	75.5	95	SQ CAGE INV RATED

F.L. TORQUE LOCKED ROTOR AMPS		L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
221 LB-FT	1120 / 560	393 <b>LB-FT</b> 178 %	586 <b>LB-FT</b> 266 %	62.5

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
65 <b>dBA</b>	75 <b>dBA</b>	- LB-FT^2	- LB-FT^2	20 <b>SEC.</b>	2	- 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		CREASE	SHAFT TYPE SPECIAL DE		SPECIAL ODE	SHAFT	FRAME	
DE	DE ODE GREASE		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	MATERIAL	MATERIAL	
BALL	BALL		н	NONE	NONE			
6313	313 6313 POLYREX EM		I	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON	

		THERMO-PROTECT	TUERMICTORS	CONTROL	SPACE HEATERS			
	THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	- THERMISTORS	CONTROL	SPACE	TEATERS
	TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE	VOLTS
*					NVERTER TORQUE: NV. HP SPEED RANG		10:1	
Ν				[	NCODER: NONE			
0					NONE NONE NONE	PPR		
т				Ī	BRAKE: NONE	NONE		
_					NONE P/N NOM	IE		
Ε					NONE NONE			
s				L	NONE FT-LB NO	NE V I	NONE HZ	

PREPARED BY: Radha Saikrishna Tanikella DATE: 08/06/2018 12:08:29 AM FORM 3531 REV.3 02/07/99 \*\* Subject to change without notice.

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