PRODUCT INFORMATION PACKET

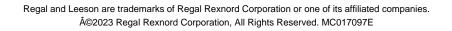


Model No: 171797.60 Catalog No: 171797.60

Severe Duty Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,

405T Frame, TEFC









Nameplate Specifications

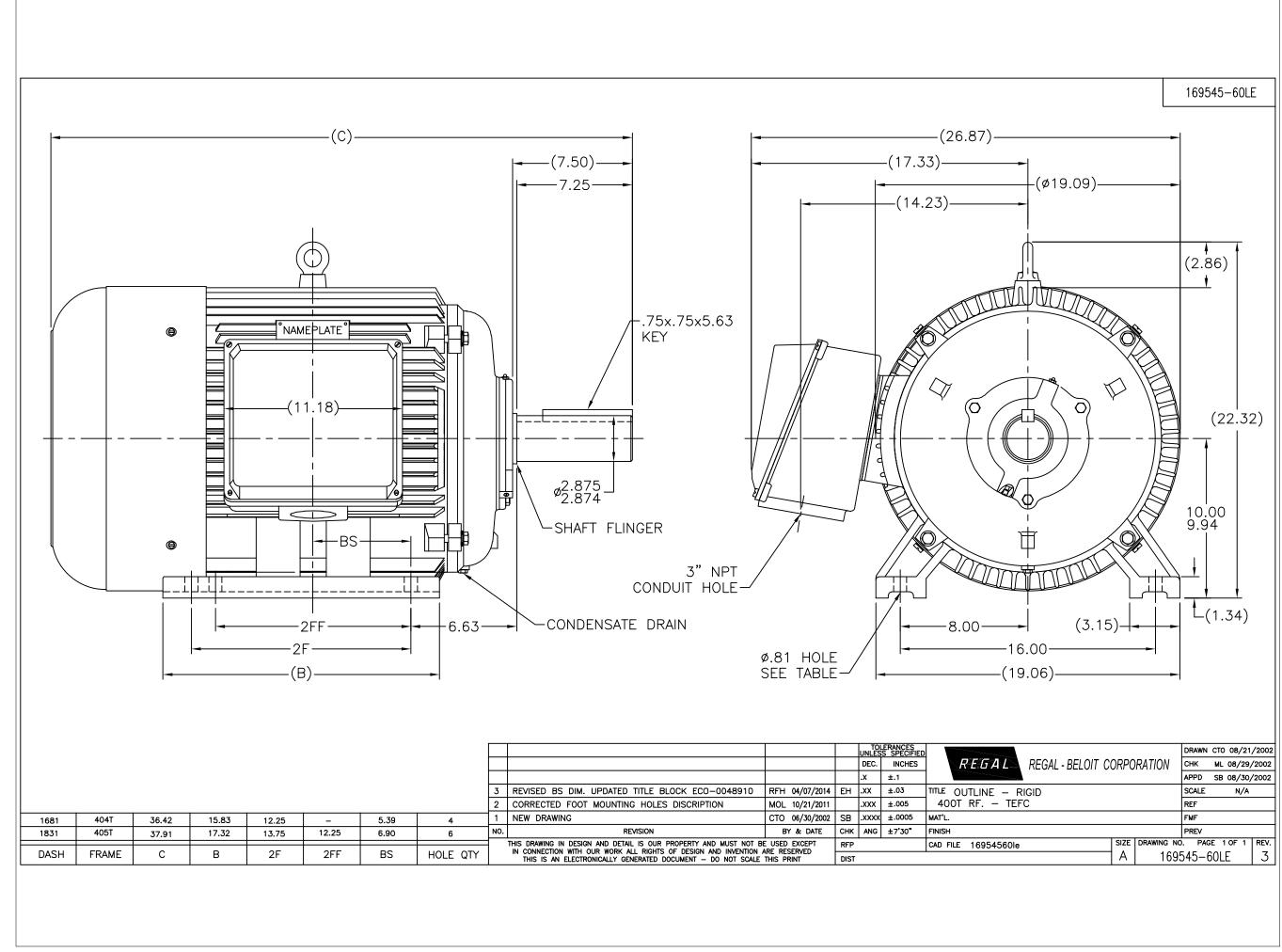
Phase	3	Output HP	100 & 75 Hp
Output KW	75.0 & 56.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1785 & 1486 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	250-226/113 & 200/100 A	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Υ
CE	Υ	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2

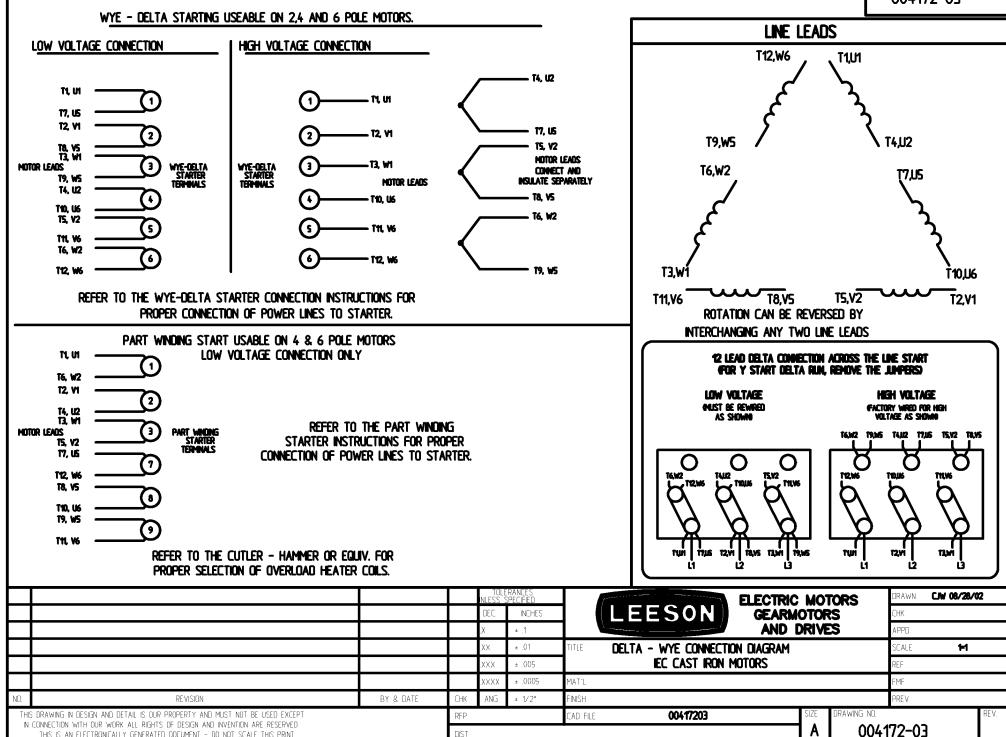
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.045 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	37.91 in
Frame Length	18.31 in	Shaft Diameter	2.875 in
Shaft Extension	7.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	16954560LE	Connection Drawing	00417203

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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval-STACK:

/CB
-dictionary/Pscript_WinNT_Compat
-dictionary-



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

CATALOG #: 171797.60

CONN. DIAGRAM: 00417203

OUTLINE: 16954560LE **MOUNTING:** F1/F2 CAPABLE

WINDING #: T19604010 1

TYPICAL MOTOR PERFORMANCE DATA

НР	kW	SYNC, RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
100&75	75.0&56.0	1800	1785&1486	405T	TEFC	G	В

Pł	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB° C
3	60/50	208- 230/460&190/380	250- 226/113&200/100	Y START D RUN OR INV	CONTINUOUS	F5	1.15/1.15	40

FULL LOAD EFF:	95.4&95.4	3/4 LOAD EFF:	95.4	1/2 LOAD EFF:	95	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	87&88.5	3/4 LOAD PF:	85.5	1/2 LOAD PF:	80	94.5	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
294 LB-FT	1450 / 725	600 LB-FT 204 %	840 LB-FT 285 %	63

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
76 dBA	86 dBA	- LB-FT^2	- LB-FT^2	20 SEC.	-	1114 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2	FALSE	NONE	GREEN (EPOXY)

BEAR	RINGS	GREASE SHAFT TYPE SPECIAL DE SPECIAL ODE		SHAET TYPE SPECIAL DE SPEC		SHAFT	FRAME	
DE	ODE	GREASE	SHAFT TIPE	SPECIAL DE	SPECIAL ODE	MATERIAL	MATERIAL	
BALL	BALL	POLYREX EM	т	NONE	NONE	AICI 104E (C 240)	CAST IDON	
6316	6314	POLIKEX EM	1	NONE	NONE	AISI 1045 (C - 240)	CAST IRON	

	CTORS	THERMISTORS	CONTROL	SPACE HEATERS		
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	THERMISTORS	CONTROL	SPACE REALERS
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

	INVERTER TORQUE: VARIABLE 10:1 INV. HP SPEED RANGE: NONE
	ENCODER: NONE
	NONE NONE PPR
T.	BRAKE: NONE NONE
E	NONE P/N NONE

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