PRODUCT INFORMATION PACKET



Model No: 193354.60

Catalog No: 193354.60

LEESON® PASSPORT 25 HP General Purpose, 3 phase, 3600 RPM, 230/460 V, 160L Frame, TEFC



FRegalRexnord

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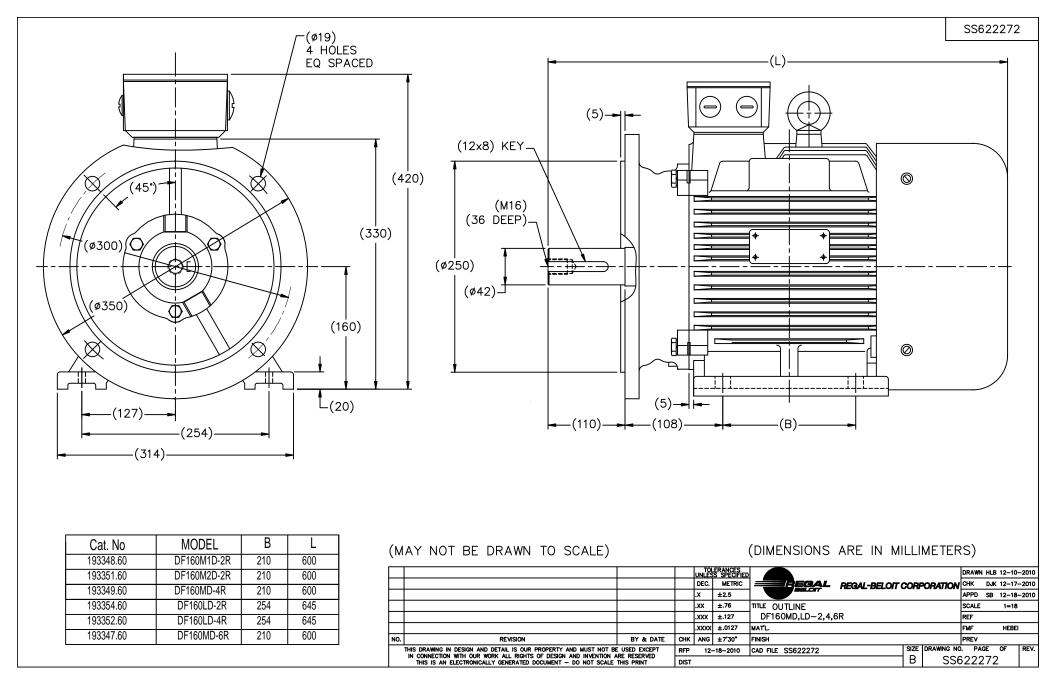
Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	230/460 & 200/400 V
Speed	3530 & 2930 rpm	Service Factor	1.15 & 1.15
Frame	160L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 90.3 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	58/29 & 55/27.5 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

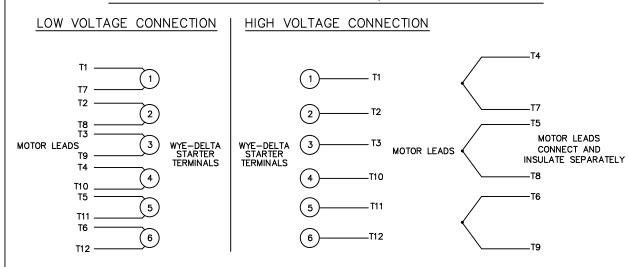
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.2933 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	25.39 in
Shaft Diameter	1.625 in	Shaft Extension	4.33 in
Assembly/Box Mounting	F3		
Connection Drawing	004172.01	Outline Drawing	SS622272

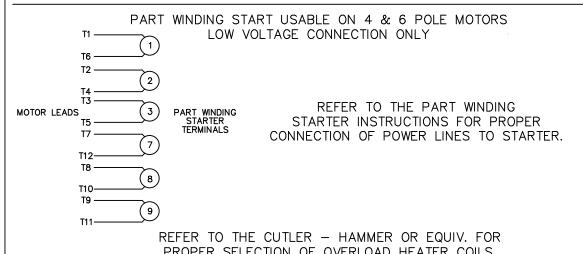
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WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.



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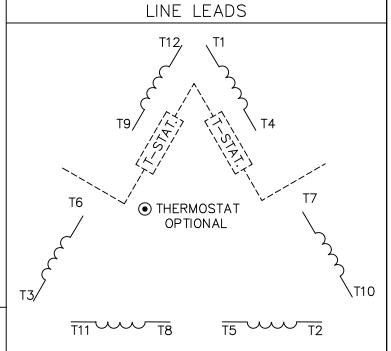
RFP

DIST

			`——	ONLL	3 SELCII ILD	1 1
				DEC.	INCHES	
				.x	±.1	\
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00		.xx	±.01	TITLE
02	ADDED T-STAT. NOTES PER ELECTRICAL	KMM 06/02/98		.xxx	±.005	
01	REDRAWN TO CAD	DBT 06/02/97		.xxxx	±.0005	MAT'L.
NO.	REVISION	BY & DATE	СНК	ANG	±1/2°	FINISH

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ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS • RED LEADS OR P1, P2, FOR N/C THERMOSTAT

ACROSS THE LINE START & RUN										
	LINE 1	LINE 2	LINE 3	JOIN & INSULATE SEPARATELY						
HIGH VOLT	T1,T12	T2,T10	T3,T11	(T4,T7) (T5,T8) (T6,T9)						
LOW VOLT	T1,T6 T7,T12	T2,T4 T8,T10	T3,T5 T9,T11							

ELECTRIC MOTORS

SIZE

DELTA - WYE CONNECTION DIAGRAM

DRAWN WLW 09/08/77 RPB 09/12/77 APPD JCW 09/12/77 SCALE 1=1

REF

REV.

03

FMF

PREV 004172 - 01

DRAWING NO.

6/28/2007 3:22:15 PM -

00417201

CAD FILE



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

CERTIFICATION DATA SHEET

CATALOG #: 193354.60

CONN. DIAGRAM: 004172.01

OUTLINE: \$\$5622272 **WINDING #:** \$\$T12902028 3

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MOUNTING: F3

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM F.L. RPM		FRAME ENCLOSURE		KVA CODE	DESIGN	
25&20	18.7&14.9	3600	3530&2930	160L	TEFC	G	В	

PH	PH Hz VOLTS AMPS		START TYPE	DUTY	INSL	S.F.	амв°с	
3	60/50	230/460&200/400	58/29&55/27.5	Y START D RUN OR INV	CONTINUOUS	F5	1.15/1.15	40

FULL LOAD EFF:	91.7&90.3	3/4 LOAD EFF:	92.4	1/2 LOAD EFF:	91.7	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	87.5&86.5	3/4 LOAD PF:	86.5	1/2 LOAD PF:	81.5	90.2	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
37 LB-FT	326 / 163	73 LB-FT 197 %	90 LB-FT 243 %	63

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
69 dba	79 dBA	- LB-FT^2	- LB-FT^2	15 SEC.	2	305 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
FF-FLANGE-300	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		CDEACE	CHAFT TYPE	CDECTAL DE	CDECTAL ODE	SHAFT	FRAME	
DE	ODE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	MATERIAL	MATERIAL	
BALL	BALL	POLYREX EM	STANDARD IEC	NONE	NONE	AISI 1045 (C-240)	CAST IRON	
6309	6209	POLINEX EM						

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

INVERTER TORQUE: CONSTANT 10:1
INV. HP SPEED RANGE: NONE

N ENCODER: NONE
NONE NONE
NONE NONE PPR

BRAKE: NONE NONE
NONE P/N NONE
NONE NONE

NONE FT-LB NONE V NONE Hz

