

PRODUCT INFORMATION PACKET

Model No: LM28127

Catalog No: LM28127

Elevator Duty Motor, 15 HP, 3 Ph, 60 Hz, 200 V, 1200 RPM, 284T Frame, DP



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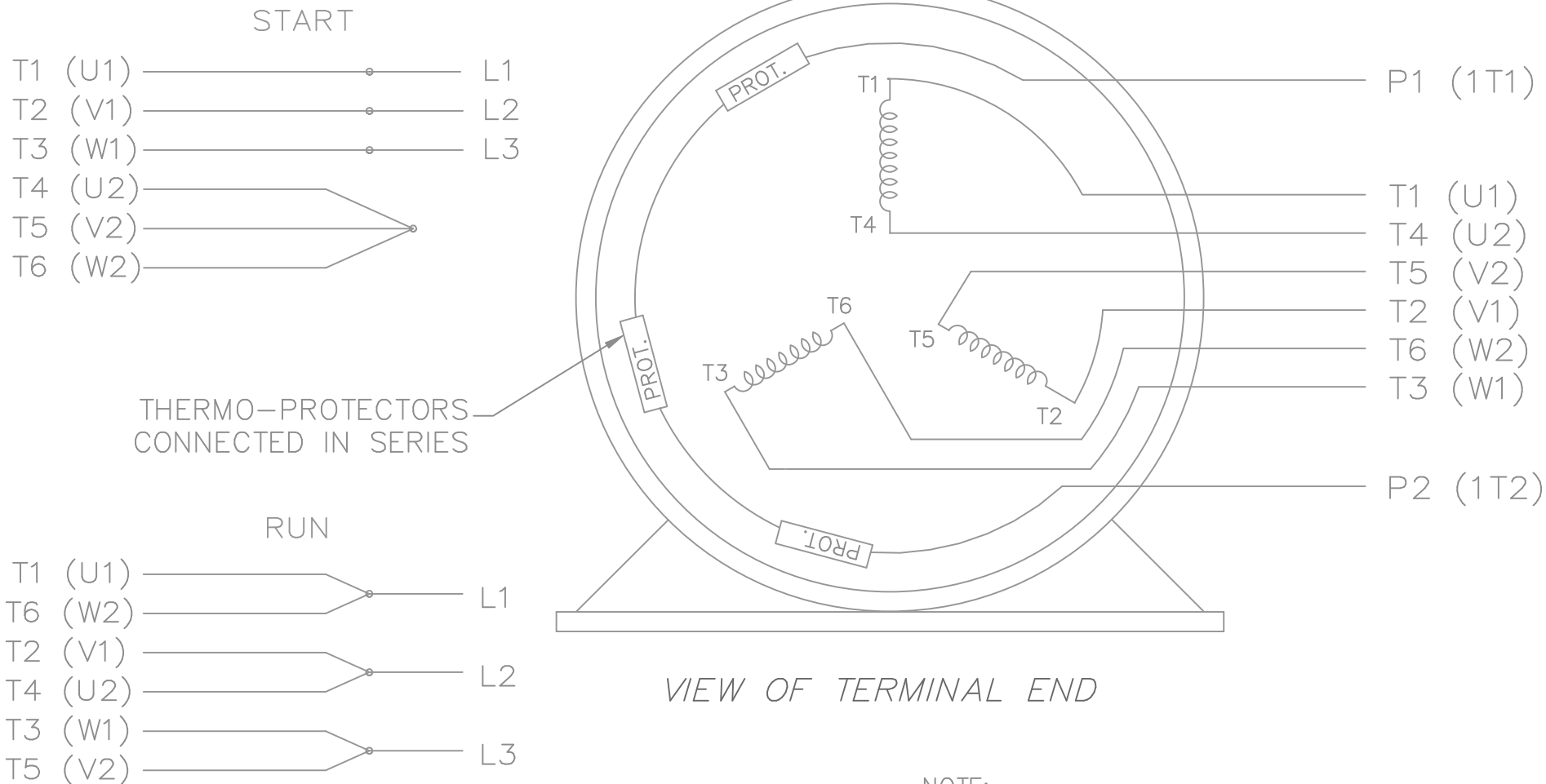
Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	200 V
Current	56.5 A	Speed	1182 rpm
Service Factor	1	Phase	3
Efficiency	84 %	Power Factor	68
Duty	Elevator	Insulation Class	F
Design Code	INV	KVA Code	L
Frame	284T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	310	Opp Drive End Bearing Size	209
UL	No	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		


Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.4 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	26.46 in
Frame Length	12.98 in	Shaft Diameter	1.875 in
Shaft Extension	4.62 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 1000:1		
Outline Drawing	XF2D1ES33B-1298	Connection Drawing	A-EE7340D-LN

THREE PHASE
WYE START DELTA RUN



NOTE:
IEC LEAD MARKINGS ARE NOTED IN PARANTHESES

				TOLERANCES UNLESS SPECIFIED			DRAWN KL 11-10-2000				
				DEC.	INCHES		CHK DJK 11-10-2000				
				.X	±.1		APPD DJK 11-10-2000				
				.XX	±.02		SCALE 1=1				
2	ADDED IEC LEAD MARKINGS	MSG 10-08-2008	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM - EXTERNAL - 3φ WYE START DELTA RUN - SINGLE VOLTAGE		REF			
1	NEW DRAWING MU34618	KL 11-10-2000	DJK	.XXXX	±.0005	MAT'L.		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	11-10-2000	CAD FILE EE7340D_LN		SIZE A	DRAWING NO. EE7340D_LN	PAGE OF 2	REV. 2



**2100 WASHINGTON ST.
GRAFTON, WI
PH. 262-277-8810**

CERTIFICATION DATA SHEET

CONN. DIAGRAM: A-EE7340D-LN

CATALOG #: LM28127

OUTLINE: XF2D1ES33B-1298

WINDING #: 6D284005 2

MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
15	11.2	1200	1182	284T	DP	L	INV

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	200	56.5	Y START D RUN OR INV	ELEVATOR	F4	1.0	40

FULL LOAD EFF:	84	3/4 LOAD EFF:	81.5	1/2 LOAD EFF:	77.5	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	68	3/4 LOAD PF:	60	1/2 LOAD PF:	48	81.5		SQ CAGE INV DUTY	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
66.8 LB-FT	460	230 LB-FT 344 %	260 LB-FT 389 %	100

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
66 dBA	76 dBA	4.1 LB-FT^2	- 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	ENCODER	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY - LINCOLN

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL
310	209						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: CONSTANT 1000:1
INV. HP SPEED RANGE: NONE
ENCODER: REGAL SUPPLIED - REGAL MOUNT
DYNAPAR HS35 LINCOLN
MS CONNECTOR 1024 PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz



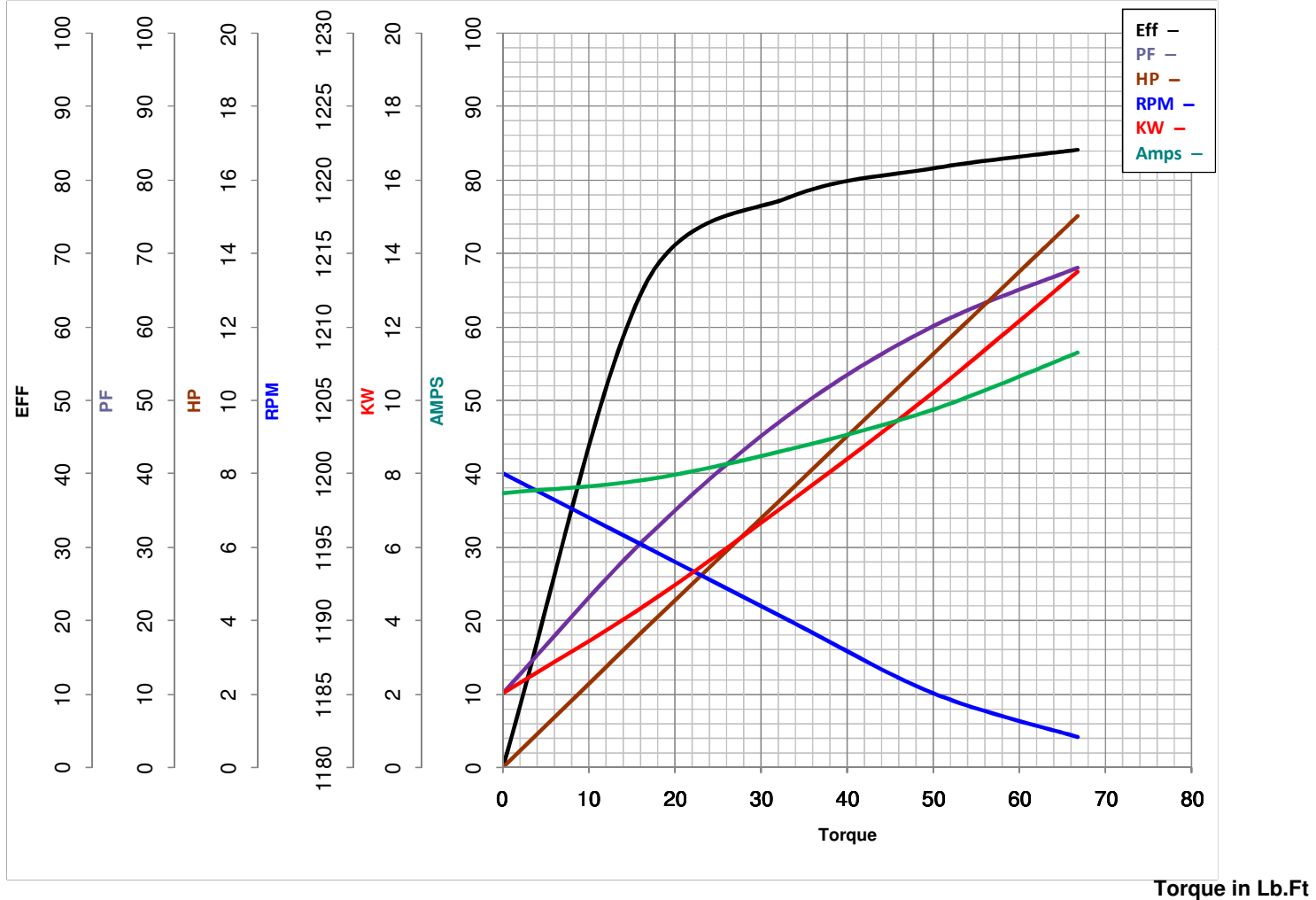
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No LM28127

Curve at 200 Volts HP 15.00 PHASE 3
60 HZ
15 HP VOLTS 200

Catalog No LM28127BB

HZ 60 RPM 1182



FL TORQUE	<u>66.8</u>	Lb.Ft	FL AMPS	<u>56.5</u>	
BD TORQUE	<u>260.0</u>	Lb.Ft	PU TORQUE	<u>200.0</u>	Lb.Ft
LR TORQUE	<u>230</u>	Lb.Ft	LR AMPS	<u>460</u>	
WINDING	6D284005-2		Date	6/4/2018	