

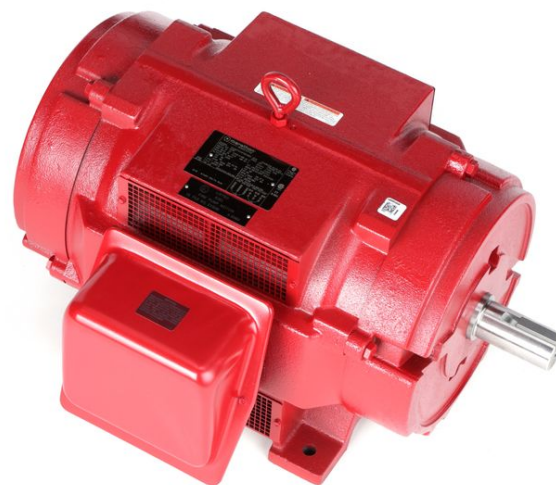
PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 326TSTDR14034

Catalog No: U521

60 HP Fire Pump Motor, 3 phase, 1800 RPM, 200/400 V, 326TS Frame, ODP
Fire Pump Motors



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RegalRexnord

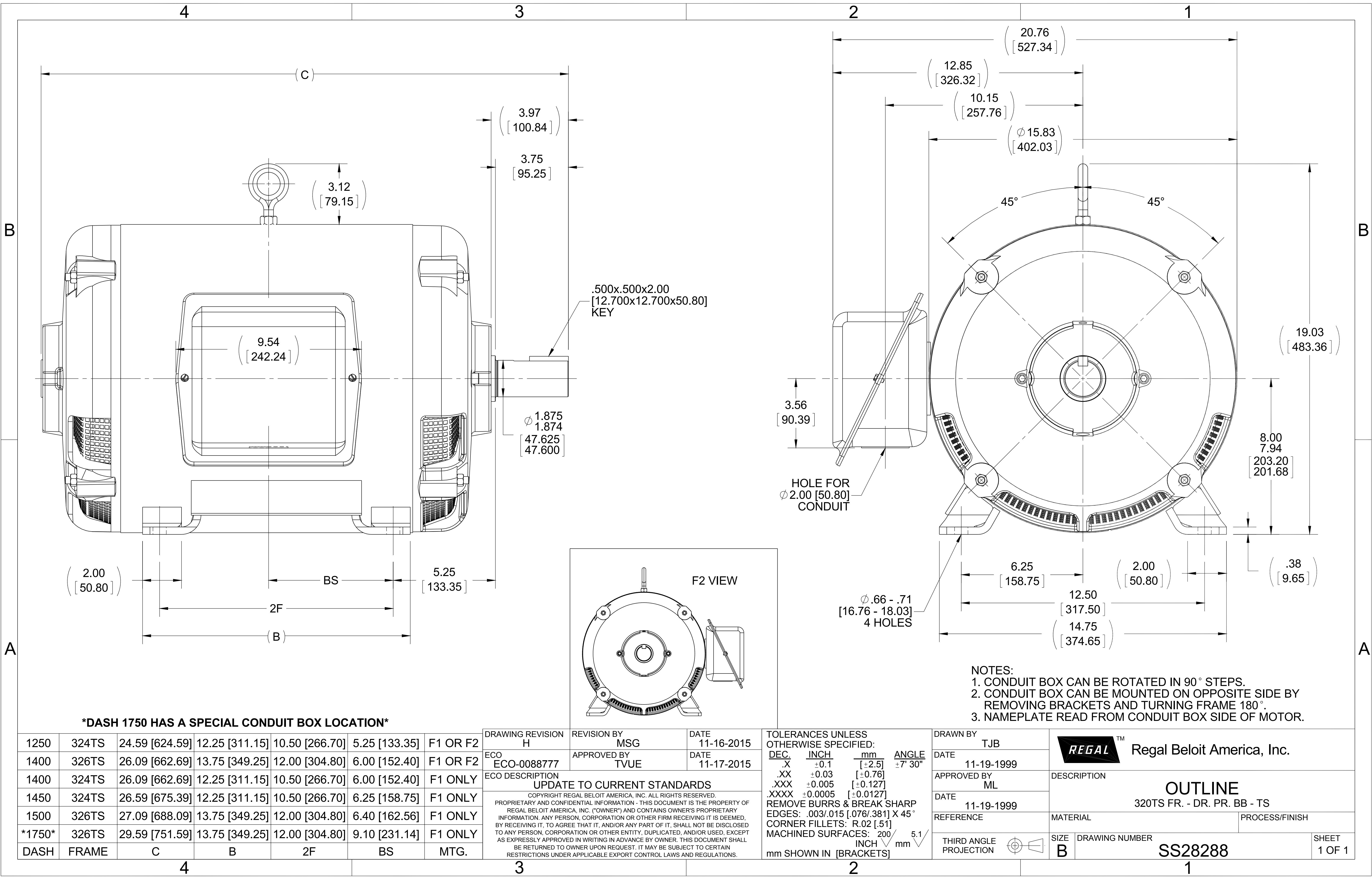
Nameplate Specifications

Output HP	60 Hp	Output KW	45.0 kW
Frequency	60 Hz	Voltage	200/400 V
Current	167.0/83.5 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	E
Frame	326TS	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	50 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	No	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

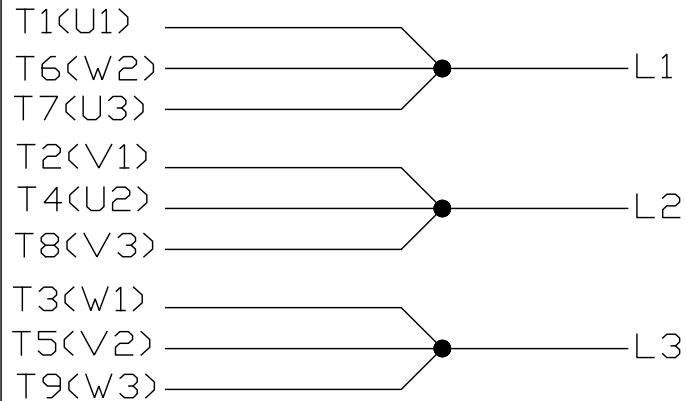
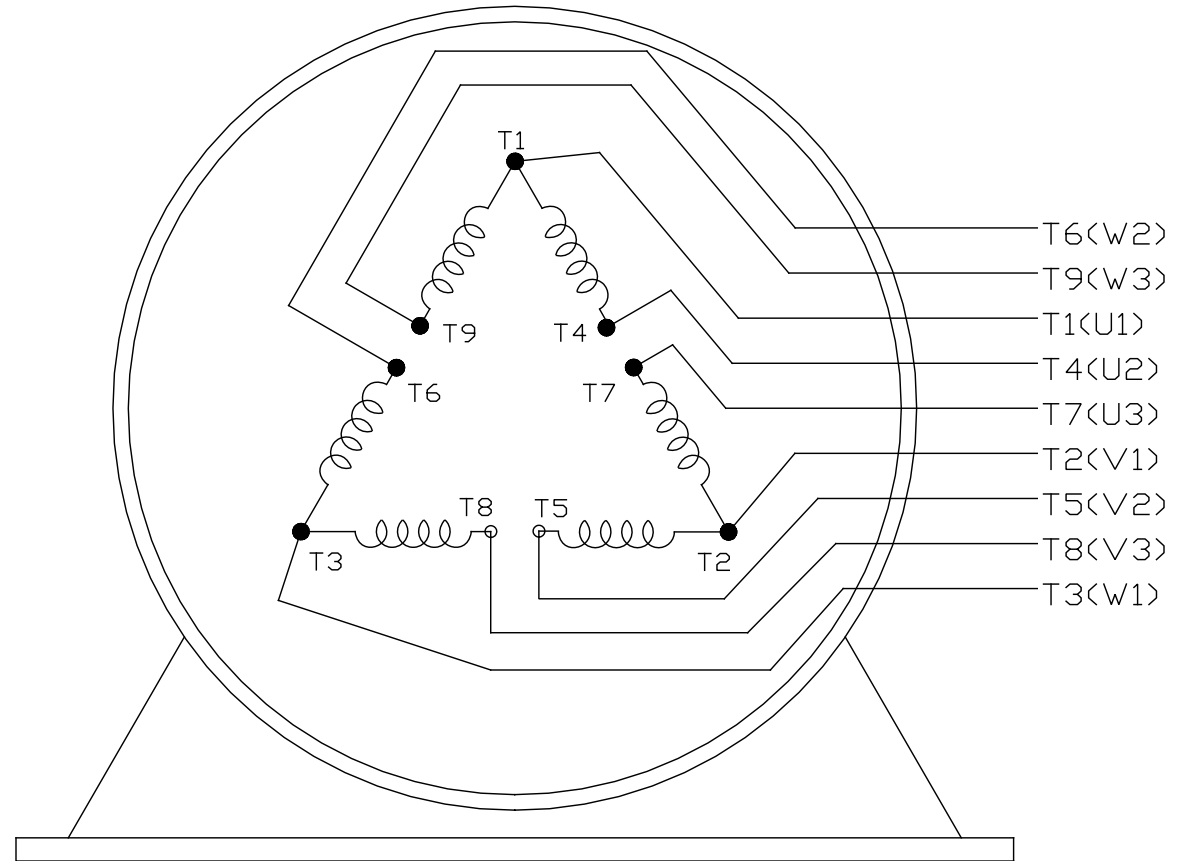
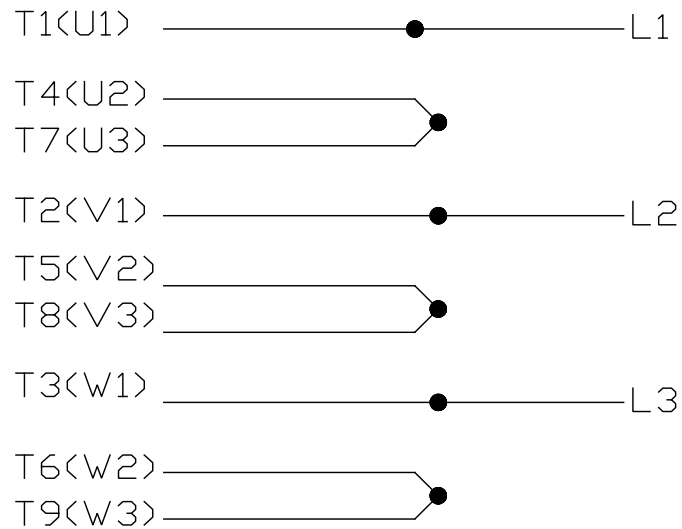
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.098 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	TS	Overall Length	29.50 in
Frame Length	17.50 in	Shaft Diameter	1.875 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS28288-1750	Connection Drawing	A-EE7308K

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EE7308K

LOW VOLTAGEHIGH VOLTAGE

VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED			 REGAL - BELOIT CORPORATION	DRAWN PGK 06-04-1997		
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"		CHK	ML	06-05-1997
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.	INCHES	TITLE CONNECTION DIAGRAM DELTA CON. - 3Ø - 9 LEADS	APPD	GK	06-15-1997
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	± .1				
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	± .02				
7	REVISED HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	± .005				
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	± .0005				
						MAT'L.			
						FINISH			
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						CAD FILE EE7308K	SIZE	DRAWING NO.	PAGE OF
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									E



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER:

ORDER #:

CONN. DIAGRAM:

A-EE7308K

OUTLINE:

B-SS28288-1750

WINDING:

3264165 NONE 5

SPEED:

CUSTOMER P.O. #:

REFERENCE MODEL #: 326TSTDR14034

CAT #: U541

CUSTOMER PART #:

MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
60	45	1800	1770	326TS	DP	TDR	E	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	200/400	167/83.5	VYE START DELTA RUI	CONT	F	1.15	50	3300

F.L. EFF	93.6	3/4 LD EFF	93.6	1/2 LD EFF	93.6	GTD EFF		ELECT. TYPE	
F.L. PF	82.5	3/4 LD PF	80.5	1/2 LD PF	74.0		92.4	SQ CAGE IND RUN	

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
178 LB-FT	408	275 LB-FT 154%	375 LB-FT 211%	50

@ 3 FT.	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
75 dBA	84 dBA	9.7 LB-FT ²	300 LB-FT ²	20 SEC.	2	650 LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	RED (ENAMEL)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE ODE						
BALL BALL	POLYREX EM	TS	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL
6312 6311						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0.047	0.047	0.362	0.5	8.655	0.150	ODE

* N O T E S *		INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE ENCODER: NONE NONE NONE NONE PPR
PREPARED BY: FAREEDA DUDEKULA DATE: 1/4/2019		BRAKE: NONE NONE NONE FT-LB: NA VOLTAGE: NONE HZ:
FORM: 3531 REV_4 2/27/06		UL: NONE

Data Sheet

Date: 1/4/2019

Customer: _____

Attention: _____

Submitted by: FAREEDA DUDEKULA



326TSTD14034

Submittal

Data @ 400 V

Motor Load Data

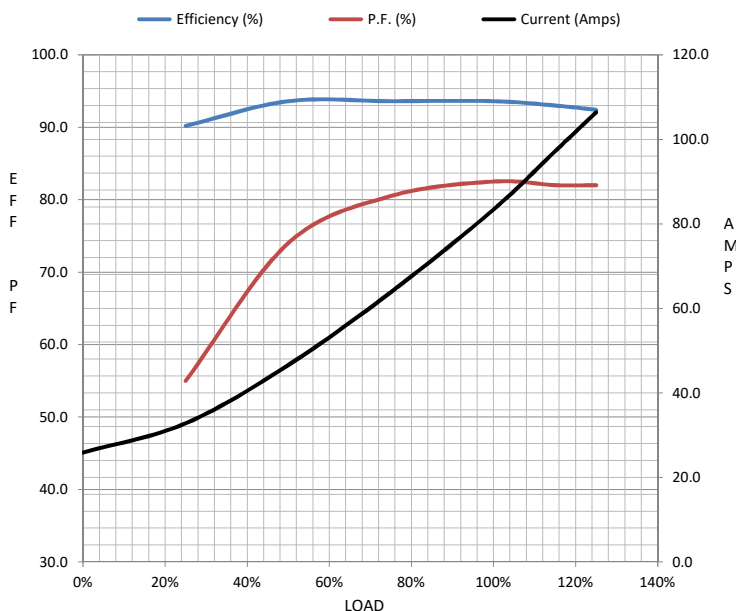
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	25.9	32.8	46.6	63.8	83.4	97.2	106	408	
Torque (ft-lb)	0.00	44.0	88.2	33.0	178	205	224	275	
RPM	1800	1795	1785	1780	1770	1,765	1760	0	
Efficiency (%)		90.2	93.6	93.6	93.6	93.0	92.4		
P.F. (%)	6.0	55.0	74.0	80.5	82.5	82.0	82.0	32.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1700	1770	1800
Current (Amps)	408	345	230	83.4	25.9
Torque (ft-lb)	275	250	375	178	0.00

Information Block

HP	60.0			
Sync. RPM	1800			
Frame	326			
Enclosure	DP			
Construction	TDR			
Voltage	200/400	V		
Frequency	60	Hz		
Design	B			
LR Code letter	E			
Service Factor	1.15			
Temp Rise @ FL	50	° C		
Duty	CONT			
Ambient	40	° C		
Elevation	1,000	feet		
Rotor/Shaft wk²	9.7	Lb-Ft²		
Ref Wdg	3264165	NONE		
Sound Pressure @ 1M	75	dBA		
VFD Rating	NONE			
Outline Dwg	B-SS28288-1750			
Conn. Diag	A-EE7308K			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0470	0.0470	0.3620	0.5000	8.6550



Speed -Torque Curve

