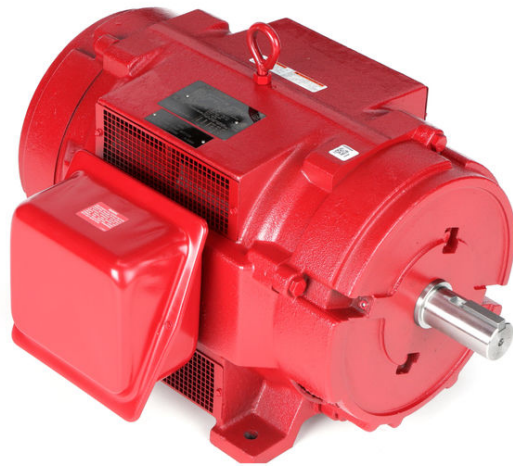


PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 326TSTD4024
Catalog No: U516A
60,3600,DP,326TS,3/60/230/460
Fire Pump



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REGAL[®]



Nameplate Specifications

Output HP	60 Hp	Output KW	45.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	136.0/68.0 A	Speed	3565 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	F	Frame	326TS
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	50 °C	Drive End Bearing Size	6212
Opp Drive End Bearing Size	6212	UL	No
CSA	Y	CE	Y
IP Code	23		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Cast Iron	Shaft Type	TS
Overall Length	28.23 in	Frame Length	15.74 in
Shaft Diameter	1.875 in	Shaft Extension	3.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS620744-326TS	Connection Diagram	EE7308AA

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LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	Regal Beloit America, Inc.	
DATE 01-12-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS	
DATE 01-14-1994		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7308AA
		SHEET 1 OF 1



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

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER P.O. #:
 ORDER #: EE7308AA
 REFERENCE MODEL #: 326TSTDCC4024
 CONN. DIAGRAM: SS620744 CAT #: U516A
 OUTLINE: IE3L2002111 NONE 2 CUSTOMER PART #:
 WINDING: IE3L2002111 NONE 2 MOUNTING: F1/F2 CAPABLE
 SPEED:
 TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
60	45	3600	3565	326TS	DP	TDC	F	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	136/68&138/69	WS(LV ONLY) & YDRU	CONT	F	1.15	50	3300
	F.L. EFF	93.0	3/4 LD EFF	93.0	1/2 LD EFF	92.4	GTD EFF	ELECT. TYPE	
	F.L. PF	89.0	3/4 LD PF	88.0	1/2 LD PF	83.0	91.7	SQ CAGE IND RUN	
F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)					
88.5 LB-FT	385	132 LB-FT	149%	190 LB-FT	215%	45			
@ 3 FT.	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	START/SHOUR	MOTOR WGT			
999 DBA	1008 DBA	0.00 LB-FT ²	250 LB-FT ²	20 SEC.	2	0 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 BALL 6212	POLYREX EM	TS	NONE	NONE	1045 HOT ROLLED (C-204)		CAST IRON	

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
0.083	0.04	0.374	0.497	16.091	0.150	ODE

* N		INVERTER TORQUE: NONE	
O		INV. HP SPEED RANGE: NONE	
T		ENCODER: NONE	
E		BRAKE: NONE	
S		FT-LB: NONE	
		VOLTAGE: NONE	
		UL: NONE	

PREPARED BY: FAREEDA DUDEKULA
 DATE: 8/29/2018
 FORM: 3531 REV 4 2/27/06

Data Sheet

326TSTD04024



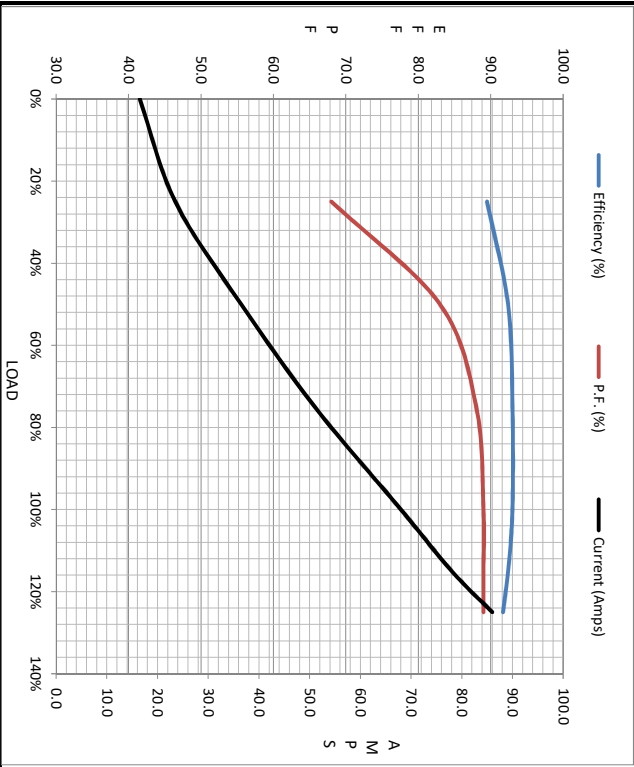
Submital

Data @ 460 V

Date: 8/29/2018
 Customer:
 Attention:
 Submitted by: FAREEDA DUDEKULA

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	16.5	23.5	36.5	51.0	68.0	78.0	86.0	385	
Torque (ft-lb)	0.00	22.0	44.0	66.0	88.5	102	111	132	
RPM	3600	3590	3582	3575	3565	3,558	3552	0	
Efficiency (%)		89.5	92.4	93.0	93.0	92.4	91.7		
P.F. (%)	8.5	68.0	83.0	88.0	89.0	89.0		33.0	

Motor Speed Data						Information Block																			
LR	Pull-Up	BD	Rated	Idle		HP	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Motor/Shaft wk ²	Ret Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:
						60.0	3261B2TFC6080	DP	TDC	230/460#190/380	60	B	F	1.15	45	CONT	40	1,000	0.00	IE3L2002111	999	NONE	SS620744	EE7308AA	
Speed (RPM)	0	1800	3450	3665	3600																				
Current (Amps)	385	325	225	68.0	16.5																				
Torque (ft-lb)	132	90.0	190	88.5	0.00																				



EQUIV CKT (OHMS / PHASE)	R1	R2	X1	X2	Xm
	0.0830	0.0400	0.3740	0.4970	16.0910

