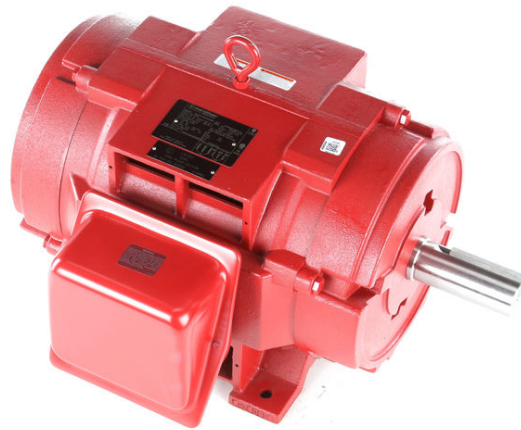


PRODUCT INFORMATION PACKET

Model No: 284TTDBD4027
Catalog No: U598
25,1800,DP,284T,3/60/230/460
Fire Pump



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Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	61.0/30.5 A	Speed	1772 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	F	Frame	284T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	50 °C	Drive End Bearing Size	6311
Opp Drive End Bearing Size	6210	UL	No
CSA	Y	CE	Y
IP Code	23		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	25.71 in	Frame Length	12.59 in
Shaft Diameter	1.875 in	Shaft Extension	4.62 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS620687-284T	Connection Diagram	EE7308AA



LOW VOLTAGE



HIGH VOLTAGE



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 #: 284TTDBD4027
 CONN. DIAGRAM: SS620687 CAT #: U598
 OUTLINE: IE3L1804110 NONE 2 CUSTOMER PART #:
 WINDING: MOUNTING: F1/F2 CAPABLE
 SPEED:
 TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
25	18.7	1800	1772	284T	DP	TDC	F	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	61/30.5&80/30	WS(LV ONLY) & YDRU	CONT	F	1.15	50	3300
	F.L. EFF	91.7	3/4 LD EFF	91.7	1/2 LD EFF	91.0	GTD EFF	ELECT. TYPE	
	F.L. PF	83.0	3/4 LD PF	79.0	1/2 LD PF	69.0	90.2	SQ CAGE IND RUN	
F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)					
74.0 LB-FT	175	120 LB-FT	162%	170 LB-FT	230%	40			
@ 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	0 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 6311	ODE BALL 6210	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)		ROLLED STEEL
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
0.352	0.147	0.873	1.066	21.943	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		
	HZ: NONE		

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

