## PRODUCT INFORMATION PACKET



Model No: 254TTDX16086 Catalog No: M808B Vertical Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 254HPV Frame, DP



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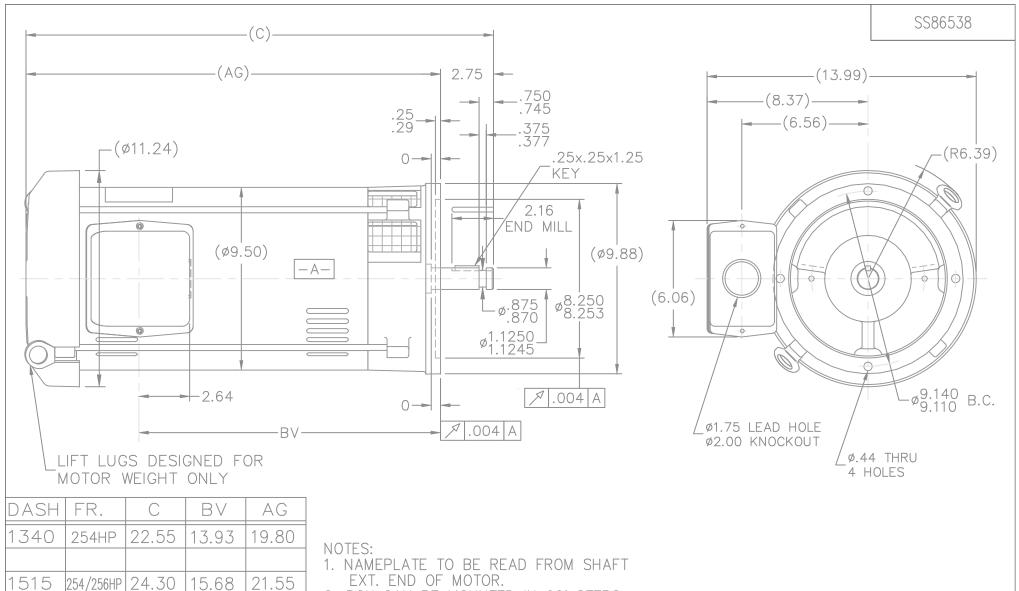
## Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1173 & 980 rpm	Service Factor	1.15 & 1.15
Frame	254HPV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91.2 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	21.4/10.7 & 17.6/8.8 A	Power Factor	71.3
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Υ
CE	Υ	IP Code	22
Number of Speeds	1		

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	1.4 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	HP	Overall Length	24.30 in
Frame Length	15.15 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	EE7308	Outline Drawing	SS86538-1515

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2. BOX CAN BE MOUNTED IN 90° STEPS.

						UNLES	LERANCES SS SPECIFIED		DRAW	N KL 11-24	I-1993	
8	UPDATED DRAWING	TJW	04/27/2007		DEC.	INCHES		СНК	ML 11-29	9−1993		
7	REDRAWN IN AUTOCAD	TAT	07-22-2004	ML	.x	±.1		APPD	DRN 11-29	9-1993		
6	CLARIFIED REVISON HISTORY AND BOX R	OT. CN28427	CAV	/ 02-17-2000		.xx	±.03	TITLE OUTLINE	SCALE	1=5	5	
5	UPDATED CONDUIT BOX	CN 28427	TJB	01-31-2000		.xxx	±.005	250HP FR. — BB — TS — 'P' BASE	REF	REF		
4	-1515 WAS FOR 256HP FR. ONLY	CN 18683	KL	10-11-1994		.xxxx	±.0005	MAT'L.	FMF	FMF		
NO.	O. REVISION BY & DATE					ANG	±7'30"	FINISH PREV				
					RFP	•		CAD FILE SS86538 SIZE DRAWING		AGE OF	REV.	
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT						LB		· A   S	SS865.	38	8	



							electi	ric	ET	P.O. BOX 80 WAUSAU, W PH. 715-675	54401-8003	460			
CUSTOMI ORDER#							В		MER P.O. #:	254TTDX160	86		_		
CONN. DI		EE7308					•••	LI LIILIIO	CAT #:		808B		_		
OUTLINE		TBD							IER PART #:						
WINDING: SPEED:			K2156179	NONE	1				MOUNTING:	F1/F2 CAPAE	BLE				
SPEED.				т	YPICAL	мото	R PERFOI	RMANC	E DATA						
НР	KW	SYNO	С ВРМ	FL R	PM	FF	FRAME ENCLOSURE			TYPE	KVA CODE DE		DESIGN		
7.5	5.6	12	200	117	73	25	4HPV		DP	TDX	Н		В		
		•		•		•					•		•		
PH	HZ	VO	LTS	AMI	PS	STAF	RT TYPE	D	UTY	INSL	S.F.	AMB	ELEV.		
3	60/50	230/460	#190/380	21.4/10.78	k17.6/8.8	ACROSS THE LINE		CONT		F	1.15	40	3300		
	F.L. EFF	91.2		3/4 LD EFF	90.7	1/2 LD EFF		89.7 <b>GTD EFF</b>			ELECT. TY	PF			
	F.L. PF			3/4 LD PF	65.1		1/2 LD PF	52.8	90.2		SQ CAGE IND				
	ORQUE					L.R. TORQUE		B.D. TORQI			F.L. RISE				
33.6	LB-FT		63.0		61.5	<b>LB-FT</b> 183%		92.5 <b>LB-FT</b>		275%	27				
@ :	3 FT.	PO	WER	ROTOF	R WK <sup>2</sup>	MAX. LOAD WK <sup>2</sup>		SAFE STALL TIME		STARTS/HOUR		МОТО	R WGT		
64	dBA	73	dBA		LB-FT <sup>2</sup>	120 LB-FT <sup>2</sup>		20 <b>SEC.</b>		2		150 <b>LB.</b>			
		L		`		· L	1						1		
		ODE D	RACKET	MOUNT		IPPLEME TOR	NTAL INFO			DRIP	1	1			
DE BRAC	KET TYPE		YPE	TYPE	_	TATION DUTY		HAZARDOUS LOCATION		COVER	SCREENS	PAINT			
	BASE	STAN	NDARD	ROUND		DOWN	NO	NONE		YES	RODENT	BLUE (ENAMEL)			
										,		,			
	RINGS	GRI	EASE	SHAFT	TYPE	SPECIAL DE		SPECIAL ODE		SHAFT	MATERIAL	FRAME MATERIAL			
DE BALL	ODE BALL											<del>                                     </del>			
6309	6208	POLYF	REX EM	HF	•	NONE		NONE		1045 HOT ROLLED (C-204)		ROLLED STEEL			
		ı				I	1			1		l en	ACE		
THERMOSTATS		PROTE	ECTORS	WDG F	RTD's	BRG RTD's		THERMISTORS		CONTROL		SPACE HEATERS			
	ONE	NOT NONE			NONE		NONE		FALSE		NA				
	nms/ph)		hms/ph)	X1 (ohn		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT ODE			
0.801 0.816				3.5	8	3	3.969	49	9.027	[ 0	.150	O	DE		
*															
N									INVERT	ER TORQUE:	NONE				
0									INV. HP SP	EED RANGE:	NONE				
T _										NONE					
E S								ENCODER: NONE NONE							
•								NONE NONE PPR				PPR			
									BRAKE:	NONE					
PREF	PREPARED BY: FAREEDA DUDEKULA							NONE NONE							
	<b>DATE:</b> 9/11/2018							FT-LB: NA VOLTAGE: NONE HZ:							
FORM: 35	531 REV 4	2/27/06		DRM: 3531 REV 4 2/27/06							UL: V-INS, CONST UL REC				

