## **PRODUCT INFORMATION PACKET**

Model No: 254TTDX4017 Catalog No: U213 Close-Coupled Pump Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 254JP Frame, DP



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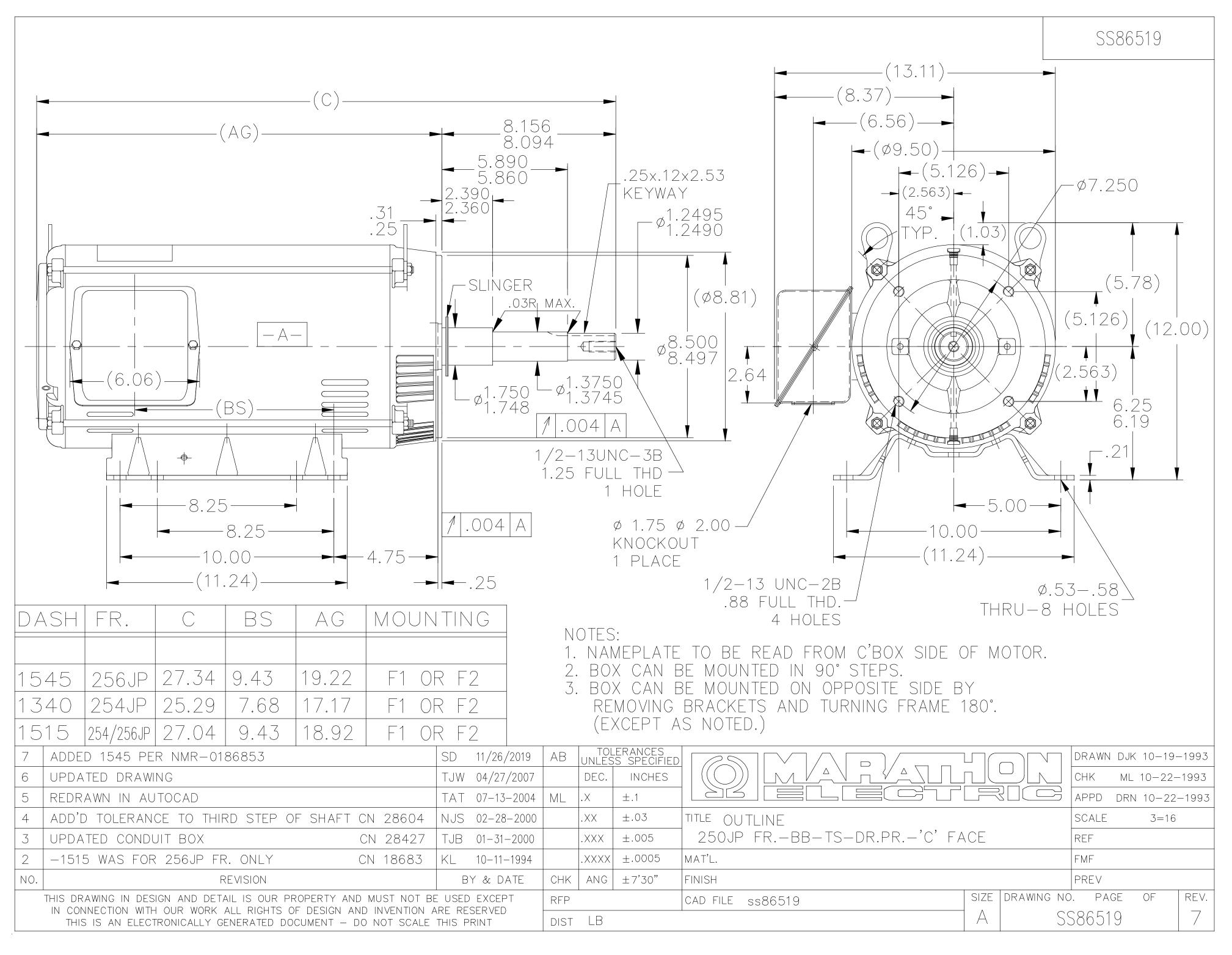
## Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V
Speed	3520 & 2925 rpm	Service Factor	1.15 & 1.15
Frame	254JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	46/23.1 & 42/21 A	Power Factor	88.6
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.485 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	25.29 in
Frame Length	13.40 in	Shaft Diameter	1.250 in
Shaft Extension	8.15 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7308K	Outline Drawing	A-SS86519-1340

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LOW VOLTAGE								EE	7308K
T1(U1) T6(W2) T7(U3)									
T2(V1) T4(U2) T8(V3)									
T3(W1) T5(V2) T9(W3)				_		T9 T4 T7			-T6(W2) -T9(W3) -T1(U1) -T4(U2)
HIGH VOLTAGE T1(U1) — L1				/	C C	Jon			-T7(U3) -T2(V1) -T5(V2)
T4(U2) T7(U3)							2		-T8(∨3) -T3(W1)
T2(V1)La		/			~				
T5(V2) T8(V3)	/								
T3(W1)L3				/IEW	/ 🗆 F	TERMINAL	END	·	
T6(W2)									
		l	TOLI UNLESS	ERANCES SPECIFIEI				DRAWN	PGK 06-04-1997
E CORRECTED IEC MARKINGS ECO-0111208	WGJ 01-23-2017	EMH		INCHES	R	EGAL REGAL - BELC	DIT CORPORATION	СНК	ML 06-05-1997
D RE-DRAWN WITH REGAL LOGO ECO-0110493 8 ADDED IEC DESIGNATIONS MU95020	WGJ 09-30-2016	EMH MJS		±.1 ±.02	TITLE			APPD SCALE	GK 06-15-1997
8 ADDED IEC DESIGNATIONS MU95020   7 REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		l	±.02		CONNECTION DIAC Delta Con 30 -		REF	
6 REDRAWN ON CADD	PGK 06-05-1997			±.0005	MAT'L.			FMF	
ND. REVISION	BY & DATE	СНК		±7'30″	FINISH			PREV	
THIS DRAVING IN DESIGN AND DETAIL IS DUR PROPERTY AND MUST NOT		RFP	· · · · ·		CAD FILE	EE7308K	SIZE DRAWING I		
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#### **CERTIFICATION DATA SHEET**

Model#:	254TTDX4017 BC	WINDING#:	K2152191 NONE 1
CONN. DIAGRAM:	A-EE7308K	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	A-SS86519-1340		

### TYPICAL MOTOR PERFORMANCE DATA

HP	ĸw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
20&15	14.9&11.2	3600	3520&2925	254JP	DP	F	В

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	46/23.1&42/21	ACROSS THE	CONTINUOU	F4	1.15/1.15	40	3300
		380		LINE	S				j

FULL LOAD EFF: 91&90.2	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 88.6&88	3/4 LOAD PF: 85.5	1/2 LOAD PF: 78	89.5	SQ CAGE IND RUN	14 / 7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
30 LB-FT	288 / 144	52.5 LB-FT 175	86.5 LB-FT 288	45

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
78 dBA	88 dBA	0.65 LB-FT^2	18 LB-FT^2	15 SEC.	2	160 LBS.

## \*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	JP	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6309	6208						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

information

INVERTER TORQUE: NONE				
INV. HP SPEED RANGE: NONE				
ENCODER: NONE				
NONE	NONE			
NONE NONE PPR				
BRAKE:	NONE	NONE		
NONE	P/N NONE			
NONE	NONE			
- FT-LB	NO	NE V	NONE Hz	

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