# PRODUCT INFORMATION PACKET



Model No: 254TTDX4024 Catalog No: E195

20 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 575 V, 254JMV Frame, ODP

**Close-Coupled Pump Motors** 



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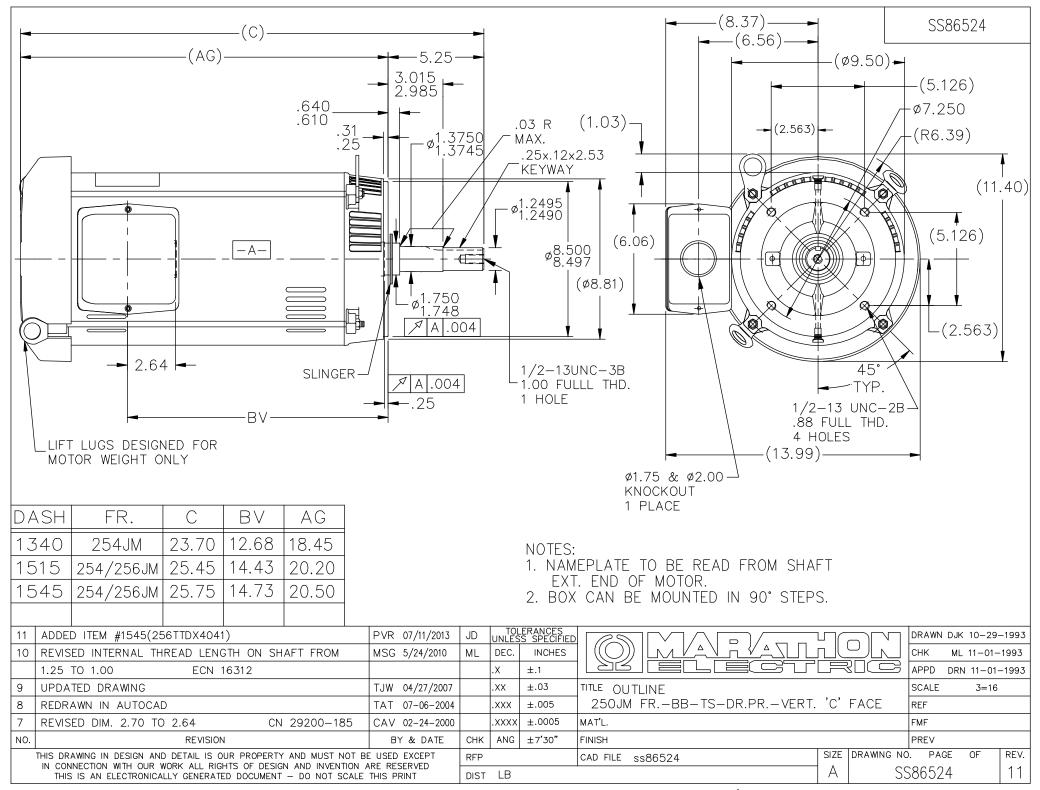
### Nameplate Specifications

20 Hp	Output KW	14.9 kW
60 Hz	Voltage	575 V
18.5 A	Speed	3520 rpm
1.15	Phase	3
91 %	Power Factor	88.6
Continuous	Insulation Class	В
В	KVA Code	F
254JMV	Enclosure	Drip Proof
No	Ambient Temperature	40 °C
6309	Opp Drive End Bearing Size	6208
Recognized	CSA	Υ
Υ	IP Code	12
1		
	60 Hz  18.5 A  1.15  91 %  Continuous  B  254JMV  No  6309  Recognized	60 Hz Voltage  18.5 A Speed  1.15 Phase  91 % Power Factor  Continuous Insulation Class  B KVA Code  254JMV Enclosure  No Ambient Temperature  6309 Opp Drive End Bearing Size  Recognized CSA

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.485 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	23.70 in
Frame Length	13.40 in	Shaft Diameter	1.250 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	A-SS86524-1340	Connection Drawing	A-EE7300

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#### **CERTIFICATION DATA SHEET**

 Model#:
 254TTDX4024 CC
 WINDING#:
 K2152191 NONE 2

 CONN. DIAGRAM:
 A-EE7300
 ASSEMBLY:
 F1/F2 CAPABLE

**OUTLINE**: A-SS86524-1340

#### **TYPICAL MOTOR PERFORMANCE DATA**

HP	kw	SY	NC. RPM	F.L. RPM	FRAME	ENCLO	SURE	KVA CODE	DESIGN
20	14.9	)	3600	3520	254JMV	DF		F	В
РН	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	- AMB°C	ELEVATION

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	575	18.5	ACROSS THE	CONTINUOU	В3	1.15	40	3300
				LINE	S				

FULL LOAD EFF: 91	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 88.6	3/4 LOAD PF: 85.5	1/2 LOAD PF: 78	89.5	SQ CAGE IND RUN	5.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
30 LB-FT	115.2	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	ROUND	SHAFT DOWN	FALSE	NONE	TRUE	NONE	GRAY (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	JM	NONE	NONE	1045 HOT	ROLLED STEEL
6309	6208					ROLLED (C-204)	

	THERMO-PF	ROTECTORS	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

NONE FT-LB NONE V NONE Hz

N O T E S

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