PRODUCT INFORMATION PACKET

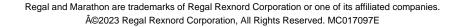


Model No: 254TTDX4020 Catalog No: E194

Close-Coupled Pump Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,

254JMV Frame, DP







Product Information Packet: Model No: 254TTDX4020, Catalog No:E194 Close-Coupled Pump Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 254JMV Frame, DP



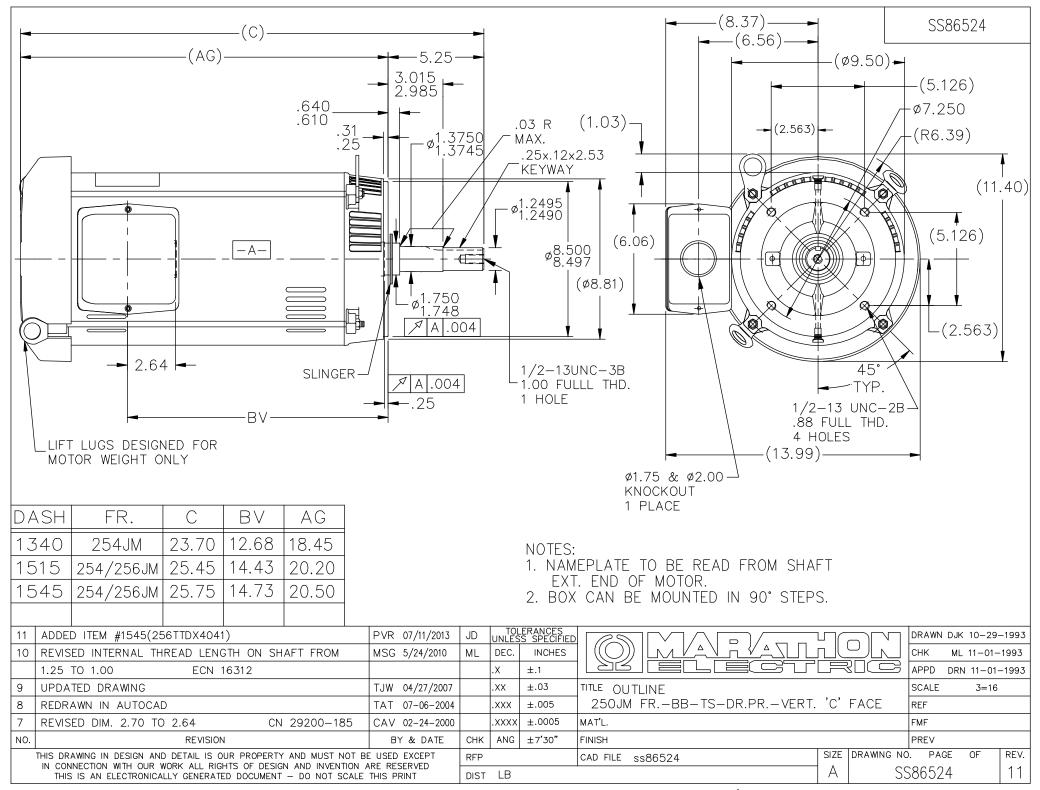
Nameplate Specifications

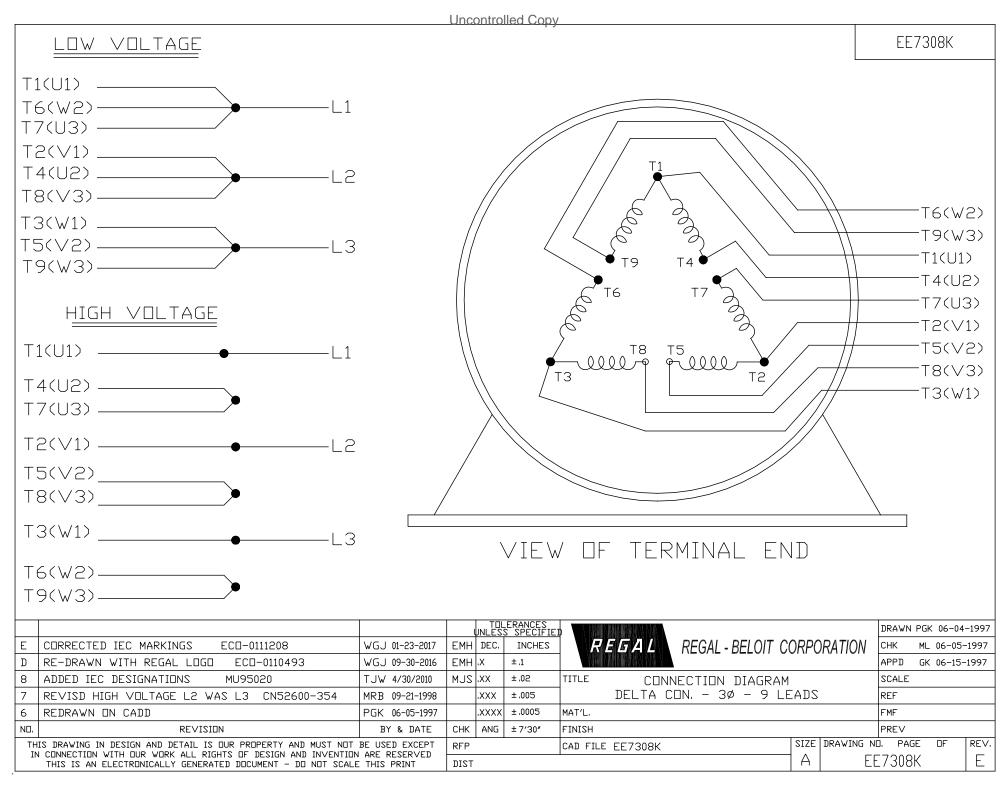
Phase	3	Output HP	20 & 15 Hp	
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V	
Speed	3520 & 2925 rpm	Service Factor	1.15 & 1.15	
Frame	254JMV	Enclosure	Drip Proof	
Thermal Protection	No Protection	Efficiency	91 & 90.2 %	
Ambient Temperature	40 °C	Frequency	60 & 50 Hz	
Current	46/23.1 & 42/21 A	Power Factor	88.6	
Duty	Continuous	Insulation Class	В	
Design Code	В	KVA Code	F	
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208	
UL	Recognized	CSA	Υ	
CE	Υ	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	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
Connection Drawing	A-EE7308K	Outline Drawing	A-SS86524-1340

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CERTIFICATION DATA SHEET

254TTDX4020 CC WINDING#: K2152191 NONE 1 Model#: ASSEMBLY: CONN. DIAGRAM: A-EE7308K F1/F2 CAPABLE

OUTLINE: A-SS86524-1340

TYPICAL MOTOR PERFORMANCE DATA

HP		KW	SYN	IC. RPM	F.L. RPM	FRAME	ENCLOS	URE	KVA	A CODE	DESIG	N
20&15	14	4.9&11.2		3600	3520&2925	254JMV	DP			F	В	
PH	Hz		VOLTS	FL AMPS	S START TYPE	DUTY	INSL	s	.F	AMB°C	ELEVA	TION

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	В3	1.15/1.15	40	3300
		380		LINE	S				

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	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	SHAFT DOWN	FALSE	NONE	TRUE	NONE	BLUE (ENAMEL)

BEAF	BEARINGS		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

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