## **PRODUCT INFORMATION PACKET**

Model No: 254TTFNA6026 Catalog No: E205 15 HP General Purpose Motor, 3 phase, 1800 RPM, 230/460 V, 254T Frame, TEFC **General Purpose Motors** 



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Product Information Packet: Model No: 254TTFNA6026, Catalog No:E205 15 HP General Purpose Motor, 3 phase, 1800 RPM, 230/460 V, 254T Frame, TEFC

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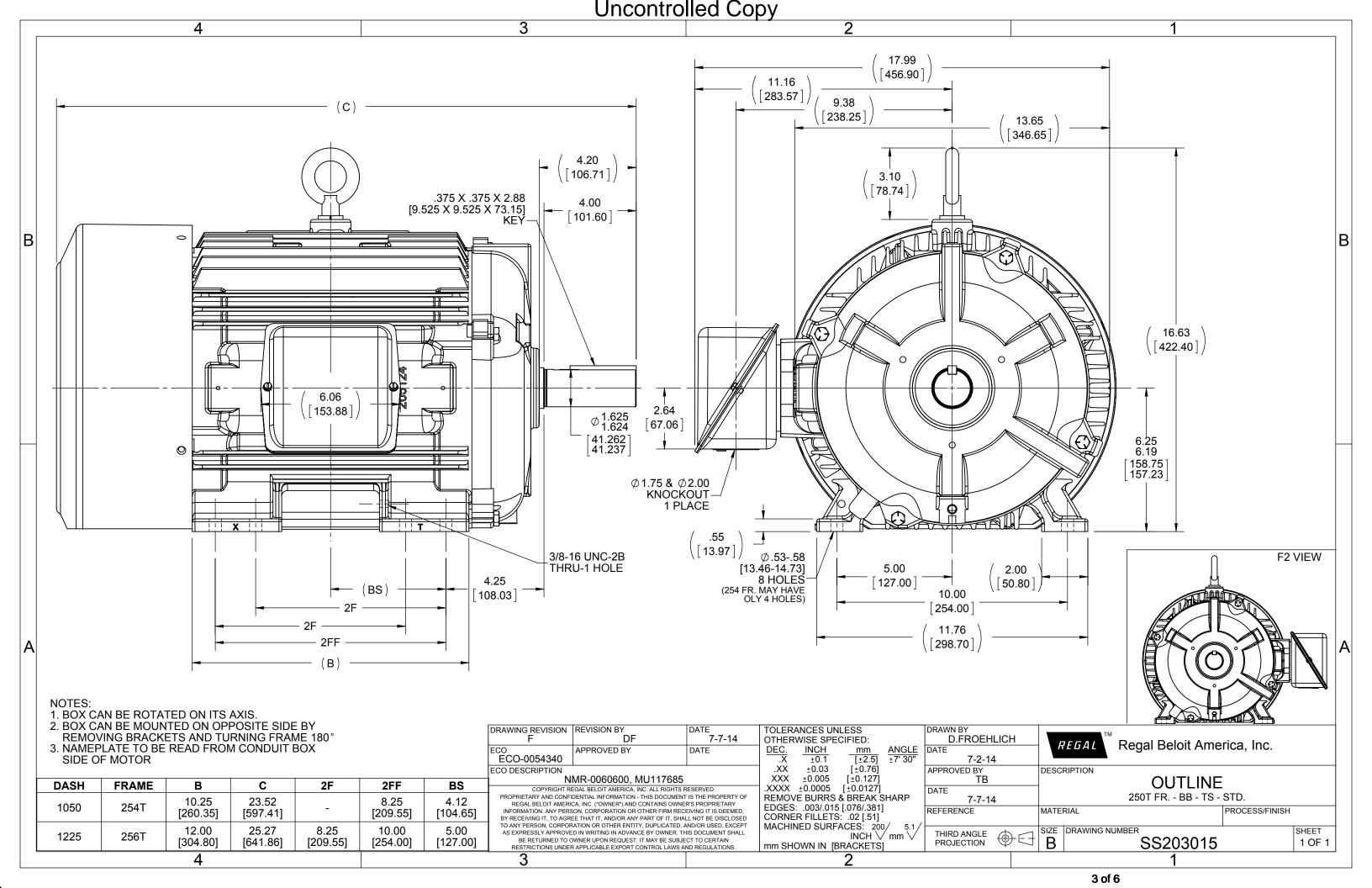
### Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	37.5/18.8 A	Speed	1775 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

### **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.649 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Overall Length	23.52 in
Frame Length	10.50 in	Shaft Diameter	1.625 in
Shaft Extension	4.2 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS203015-1050	Connection Drawing	A-EE7308

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#### **CERTIFICATION DATA SHEET**

Model#:	254TTFNA6026 AE	WINDING#:	K2564165 NONE 1
CONN. DIAGRAM:	A-EE7308	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS203015-1050		

#### TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC. R	РМ	F.L. RPM	FRAM	1E	ENC	CLOSUR	E KV	A COD	E	DESIGN
15		11.2	2 1800			1775	254T			TEFC		G		В
РН	Hz		VOLT	S FI	AMPS	START TYPE	DUTY		INSL		S.F	A	мв°С	ELEVATION
3	60	)	230/46	0 3	7.5/18.8	ACROSS THE LINE	CONTINU S	OU	F3		1.15		40	3300
FULL LOAD E	FULL LOAD EFF: 92.4 3/4 LOAD EFF: 92.4		F: 92.4	1/2 LOAD EFF: 91		GTI	GTD. EFF		E	ELEC. TYPE		NO LOAD AMPS		
FULL LOAD	PF: 81	3	/4 LOAD PF: 78 1/2 LOAI		DAD PF: 68	91.7 SQ		SQ C	AGE IND R	UN	1	5.6 / 7.8		
F.L. TO	RQUE		LOCKE	LOCKED ROTOR AMPS		L.R. 1	ORQUE B.D. TOR		D. TORO	ORQUE		F.L. F	F.L. RISE°C	
44.4 LI	B-FT			220 / 110		85 LE	B-FT 191 125 LB-F		125 LB-FT 282			55		
SOUND PRESS @ 3 FT.	BURE	SOUN	D POWER	RO	TOR WK^	2 MAX	. WK^2	SAF	E STALL	TIME	STAR /HOL	-	APF	PROX. MOTOR WGT
65 dBA		75	5 dBA	2.4	LB-FT^2	110 L	110 LB-FT^2 2		25 SEC.	2				325 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	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	т	NONE	NONE	1045 HOT	CAST IRON
6309	6210	]				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 - FT-LB NONE V NONE Hz

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