PRODUCT INFORMATION PACKET



Model No: 256TTFL16042 Catalog No: U354A

Close-Coupled Pump Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,

256JM Frame, TEFC









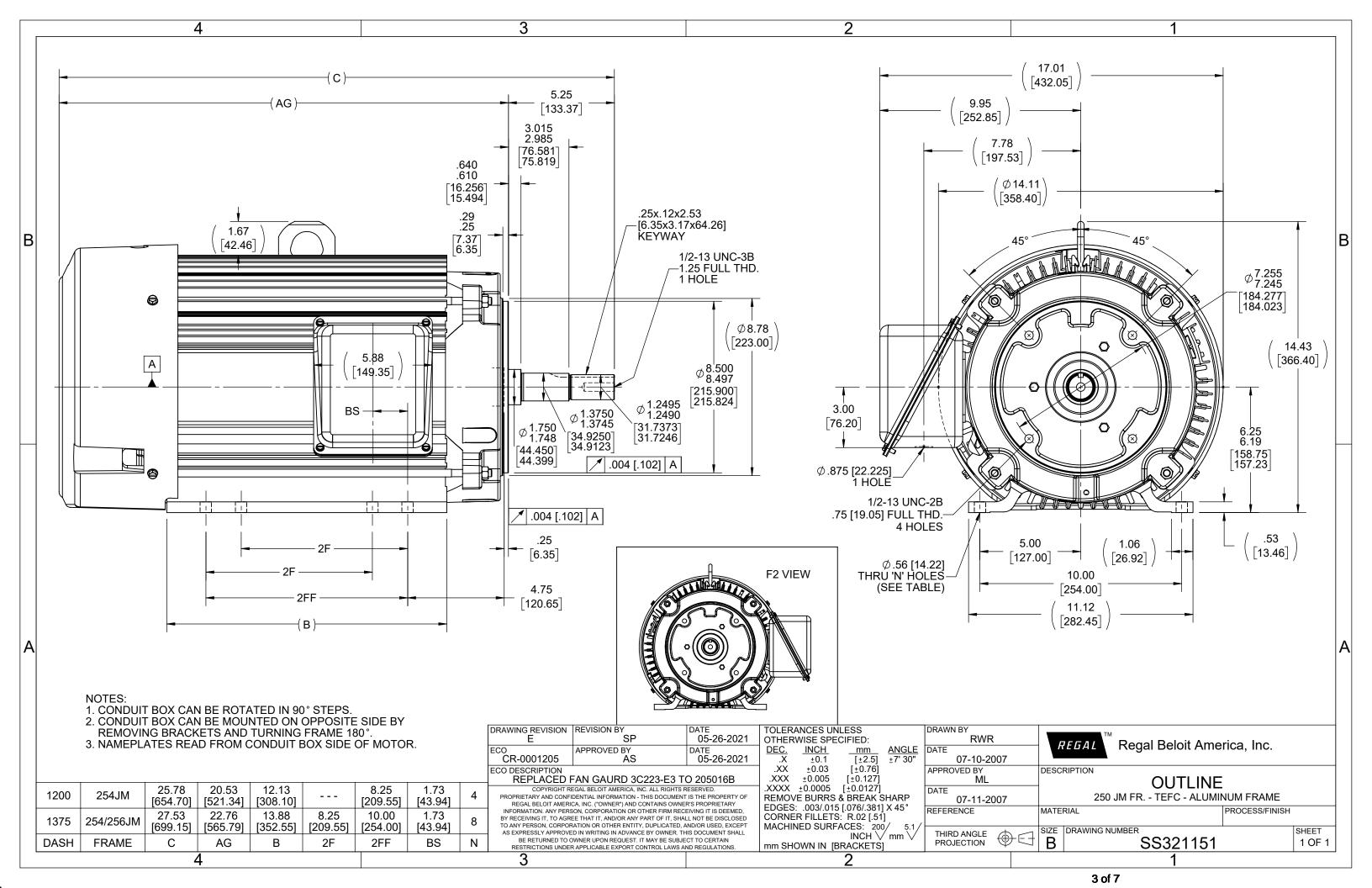
Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp			
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V			
Speed	1775 & 1475 rpm	Service Factor	1.15 & 1.15			
Frame	256JM	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Efficiency	93 & 92.5 %			
Ambient Temperature	40 °C	Frequency	60 & 50 Hz			
Current	48/24.1 & 44/22 A	Power Factor	84			
Duty	Continuous	Insulation Class	F			
Design Code	В	KVA Code	G			
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208			
UL	Recognized	CSA	Υ			
CE	Υ	IP Code	43			
Number of Speeds	1					

Technical Specifications

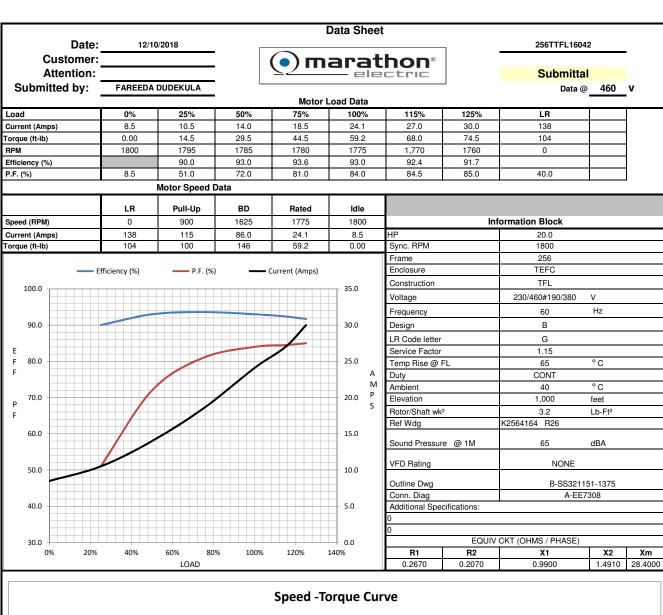
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.474 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	JM	Overall Length	27.27 in
Frame Length	13.75 in	Shaft Diameter	1.750 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS321151-1375	Connection Drawing	A-EE7308

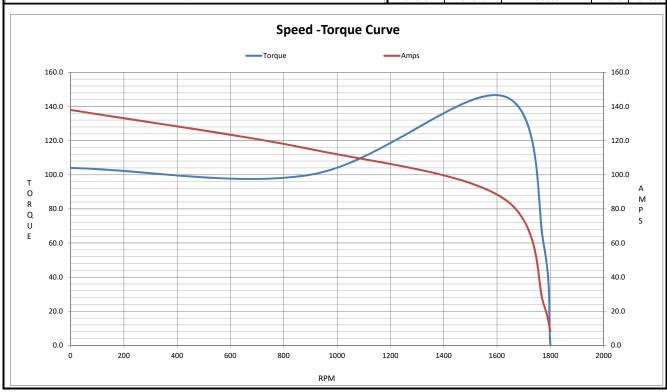
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						P.O. BOX 8003								
				marathon [®]					WAUSAU, WI 54401-8003					
						IIdi.	attic	711		PH. 715-675	-3311			
							electi	ric						
											DATA VOLTS:	460		
					CE	DTIEICA	TION DAT	TA CHE	ET					
					CE	RIIFICA	TION DA	A SHE	- 1					
CUSTOME									MER P.O. #:				_	
ORDER #:							R	EFERENC		256TTFL1604			_	
CONN. DI		A-EE7308							CAT #:	U	354A			
OUTLINE:		B-SS3211	51-1375					CUSTOMER PART #:						
WINDING:			K2564164	R26	6				MOUNTING:	F1/F2 CAPAE	BLE		='	
SPEED:														
		•		T'	YPICAL	MOTO	R PERFOR	RMANC	F DATA					
				· ·		1	0.			1				
HP	кw	SYNO	CRPM	FL R	FL RPM FRAME		RAME	ENCLOSURE		TYPE	KVA CO	DE	DESIGN	
							THAME							
20	14.9	18	300	177	'5	25	56JM	Т	EFC	TFY	G		В	
										•				
PH	HZ	VO	LTS	AMI	PS	STAF	RT TYPE	D	UTY	INSL	S.F.	AMB	ELEV.	
3	60/50	230/460	#190/380	48/24.18	§44/22	ACROS	S THE LINE	С	ONT	F	1.15	40	3300	
				•										
	F.L. EFF	93.0		3/4 LD EFF	93.6		1/2 LD EFF	93.0	GTD EFF		ELECT. TY	PF		
	F.L. PF	84.0		3/4 LD PF	81.0		1/2 LD PF	72.0	92.4		SQ CAGE IND			
	1.5.11	07.0	1	3/4 LD 11	01.0	1	1/2 LD 1 1	72.0	32.4		OQ OAGE IIVE	711011		
			2 41470 0						D.D. TODO				T .	
	ORQUE	Lh	R AMPS @				L.R. TORQUE		B.D. TORQI		F.L. RISE	(°C)		
59.2	LB-FT		138		104	LB-FT	176%	146	LB-FT	247%	65			
@:	3 FT.	PO	WER	ROTOR WK ²		MAX. L	OAD WK ²	SAFE STALL TIME		STARTS/HOUR		MOTOR WGT		
65	dBA	74	dBA	3.2	LB-FT ²	125	LB-FT ²	25	SEC.		2	425	LB.	
				•										
					*** SL	JPPLEME	NTAL INFO							
				MO	IOTOR SEVERE		HAZARDOUS		DRIP	DRIP				
DE BRACKET TYPE		TY	/PE	TYPE ORIENT.		TATION DUTY		LOCATION		COVER	SCREENS	PAINT		
C-F	ACE	STAN	IDARD	RIGID	RIGID HORIZOI		ONTAL NO		NONE		NONE	BLUE (ENAMEL)		
BEA	RINGS													
DE	ODE	GRE	EASE	SHAFT	TYPE	SPE	CIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAME MATERIAL		
BALL	BALL													
6309	6208	POLYREX EM		JM	1	N	ONE	NONE		1045 HOT F	045 HOT ROLLED (C-204)		ALUMINUM	
0303	0200					1								
				1		1				1		0.0	405	
TUEDMOSTATO			-07000	WD0 5		556 5751		TUEDMICTORS		CONTROL		SPACE		
THERMOSTATS			CTORS WDG RTD's		BRG RTD's		THERMISTORS		CONTROL		HEATERS			
NONE		NOT NONE		NONE		NONE		FALSE		NA				
R1 (ohms/ph)		R2 (oh	R2 (ohms/ph) X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT			
0.267		0.5	207	0.99		1.491		28.4		0.150		ODE		
*									· · · · · · · · · · · · · · · · · · ·					
N									INVERT	ER TORQUE:	NONE			
0							INV. HP SPEED RANGE: NONE							
Ť									3.		-			
									FNOODED: NONE					
E								ENCODER: NONE						
S									NONE			NON	DDC	
*									NONE			NONE	PPR	
					BRAKE: NONE									
PREP	PARED BY:	FAREEDA	DUDEKUL	Α				NONE NONE						
	DATE:	9/17	/2018						FT-LB:		NA			
				VOLTAGE: NONE HZ:										
FORM: 3531 REV_4 2/27/06						UL: V-INS, CONST UL REC								







EC Declaration of Conformity

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401

and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No: 256TTFL16042

(Model No. may contain prefix and/or suffix characters)

Catalog No: U354A

Rework No: N/A

Directives:

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

EN 60034-1: 2010 (IEC 60034-1: 2010)

Michael A Logsdon

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Authorized Representative in the Community: J. cerse

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

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