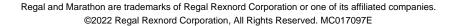
PRODUCT INFORMATION PACKET



Model No: 1009422-BR Catalog No: 1009422

TerraMAX® Cast Iron Motor, 3 HP, 3 Ph, 60 Hz, 380 V, 1800 RPM, 90S/L Frame, TEFC







Product Information Packet: Model No: 1009422-BR, Catalog No:1009422 TerraMAX® Cast Iron Motor, 3 HP, 3 Ph, 60 Hz, 380 V, 1800 RPM, 90S/L Frame, TEFC



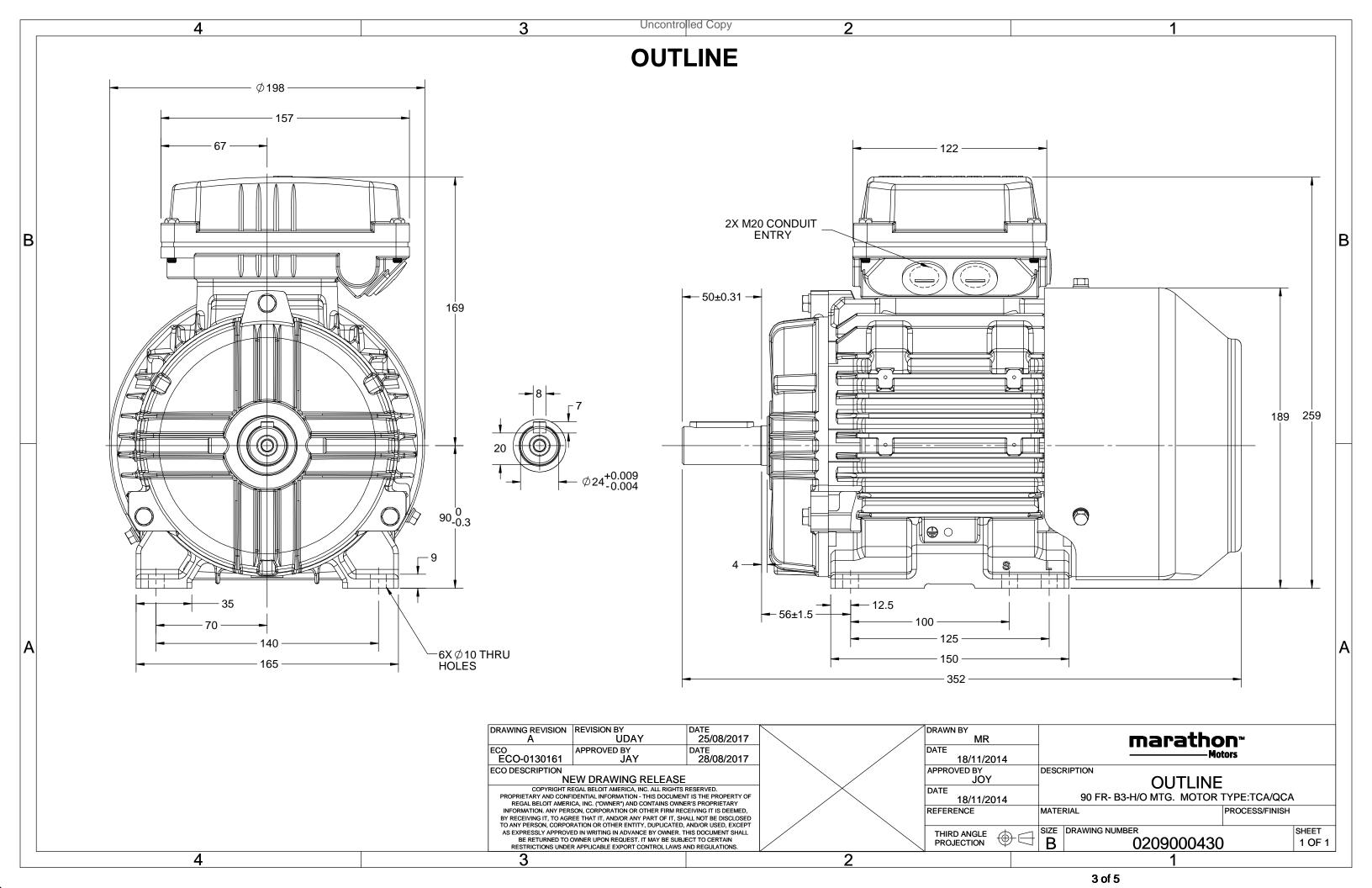
Nameplate Specifications

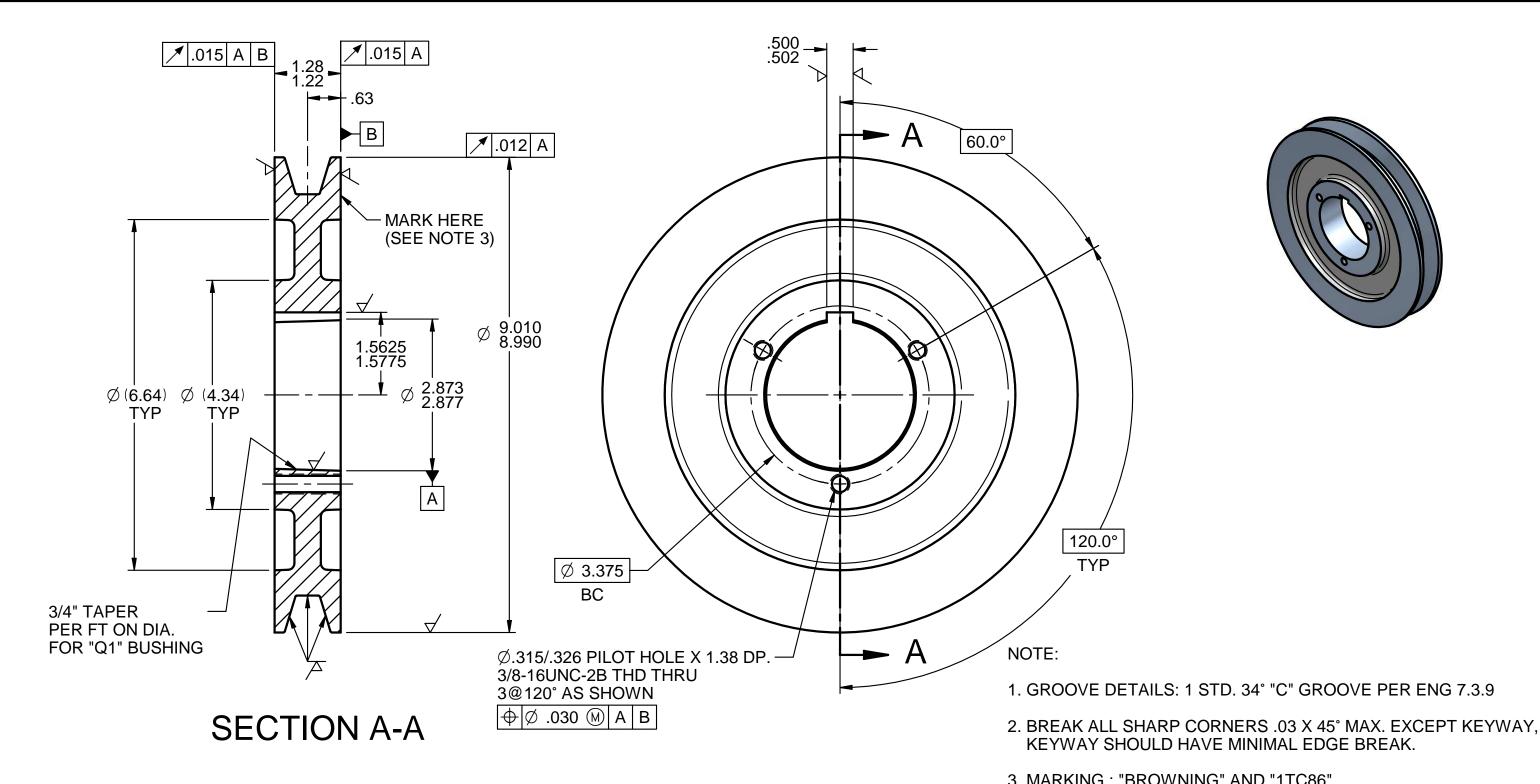
Output HP	3 Hp	Output KW	2.2 kW		
Frequency	60 Hz	Voltage	380 V		
Current	7.2 A	Speed	1736 rpm		
Service Factor	1.25	Phase	3		
Efficiency	87.5 %	Power Factor	0.81		
Duty	S 1	Insulation Class	F		
Frame	90S/L	Enclosure	Totally Enclosed Fan Cooled		
Thermal Protection	No Protection	Ambient Temperature	40 °C		
Drive End Bearing Size					
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205		
UL UL	6205 No	Opp Drive End Bearing Size CSA	6205 No		
		-			

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	4	Rotation	Clockwise
Mounting	B3	Motor Orientation	Horizontal
Drive End Bearing	Zz C3	Opp Drive End Bearing	Zz C3
Frame Material	Cast	Shaft Type	Keyed
Overall Length	352 mm	Frame Length	163 mm
Shaft Diameter	24 mm	Shaft Extension	50 mm
Assembly/Box Mounting	TOP		
Outline Drawing	0209000430		

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3. MARKING: "BROWNING" AND "1TC86"

4. BALANCE: 1/2 OZ @ RIM OD 1.1250 OZ IN

RE\	V	ECN#	KEWAKKS	CASTING 2TC86 88 CSTG(4004479)	Unless Otherwise Specif Dimensions are in Inche		the power of		DWN: S.V.JR.	TITLE		
Е	0	08-13897	UPDATED & REDRAWN IN SE	,	TOLERANCES	U S	(EDT)	N.	DATE: 01/11/68	TC"	" SHEAVE	
						030		EMERSON.	CHK'D: SA		1TC86	
				EST. WGT. (LBS.)		015 005	EPT GEARING &	Industrial Automation	DATE: 01/11/68		ITVD5	Tourer
					Angular Dimensions ± .		Maysville, K		REV: VVK	FRAME _	_	SHEET
	_			HEAT TREAT	Surface Finish 125		Confidential Property of EPT	,	DATE: 12/19/08		_	1 OF 1
				FINISH COATING STD GRAY PER ENG 7.1.1.2	- Dimensions in () are for reference purposes only - Remove All Flashing	r y	By accepting this document you agree to the information it contains is the property of EPT in strict confidence and be properly safeguard used for the specific purpose that it was loand another party without prior written authorization.	Gearing & Components. It must be held ded by you at all times. It may only be ded to you. It may not be revealed to	DO NOT SCALE DRAWING	DRAWING NUMBER 1009	9422	E REV

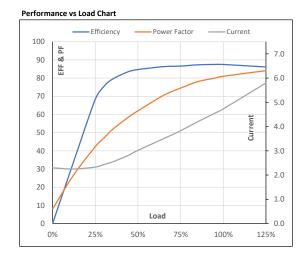




Model No. 1009422

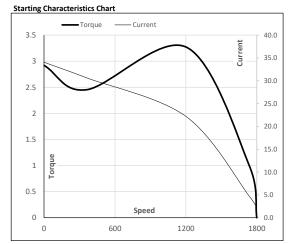
Enclosure	U	Δ/Υ	f	Р	Р	1	n	T	Т	IE	Amb	Duty	Elevation	Inertia	Weight
	(V)	Conn	[Hz]	[kW]	[hp]	[A]	[RPM]	[kgm]	[Nm]	Class	[°C]		[m]	[kg-m ²]	[kg]
TEFC	380	Δ	60	2.2	3	4.7	1736	1.24	12.15	IR3	40	S1	1000	0.0208	30

Motor Load Data Load Point NL 1/4FL 1/2FL 3/4FL 5/4FL Current Α 2.3 2.3 3.0 3.8 4.7 5.8 Torque Nm 0.0 3.0 6.0 9.1 12.2 15.6 Speed r/min 1800 1784 1769 1753 1736 1716 Efficiency % 0.0 68.3 84.7 86.6 87.5 86.1 Power Factor 8.0 42.3 62.0 74.5 81.0 % 84.1



Motor Speed Torque Data

Load Point		LR	P-Up	BD	Rated	NL	
Speed	r/min	0	360	1203	1736	1800	
Current	Α	34.1	30.7	22.2	4.7	2.3	
Torque	pu	2.9	2.5	3.3	1	0	



NOTE Refer data sheet for applicable standard and tolerances on performance parameters

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