PRODUCT INFORMATION PACKET

Model No: 256TTDC6029 Catalog No: U290 20 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 256T Frame, ODP **General Purpose Motors**



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





1 of 7

Product Information Packet: Model No: 256TTDC6029, Catalog No:U290 20 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 256T Frame, ODP

marathon®

Nameplate Specifications

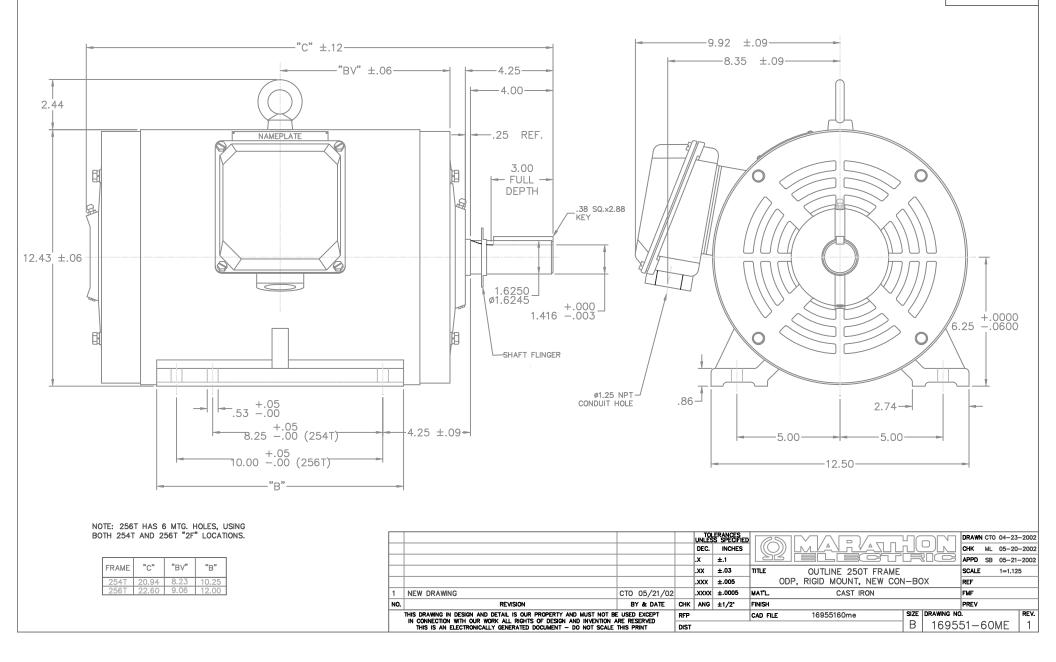
Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	575 V
Current	19.2 A	Speed	1775 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
Frame	256T	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Υ
CE	Υ	IP Code	22
Number of Speeds	1		

Technical Specifications

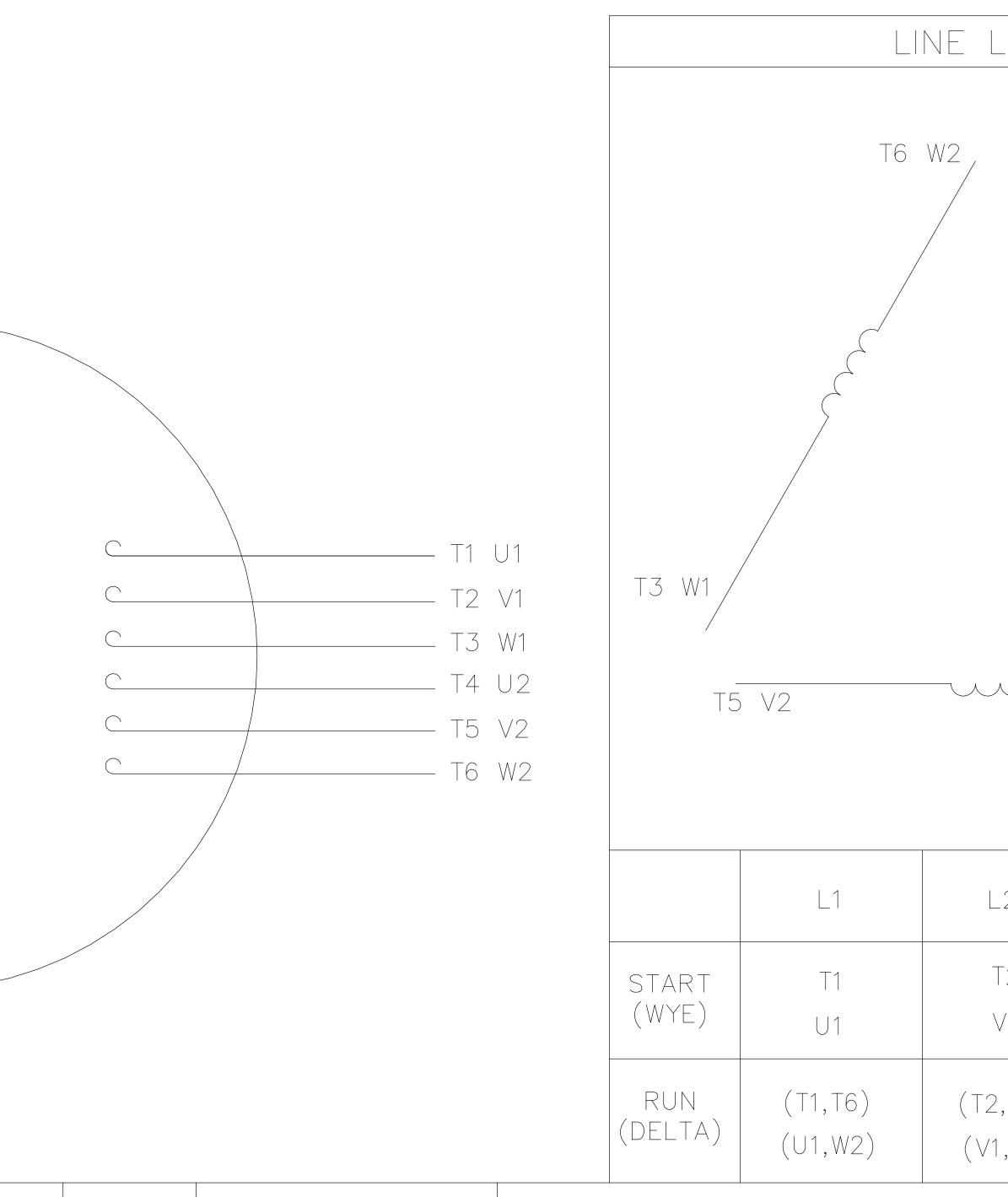
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.41 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Overall Length	22.60 in
Shaft Diameter	1.625 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	005190.01	Outline Drawing	16955160ME-256T

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/12/2021

169551-60ME



											190-01
					— T2 — T3 — T4 — T5	W1 U 2	T3 W1	5 V2	T6 W2 T1		T2 V1
								L1	L2	L3	JOIN
							START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
							RUN (DELTA)	(T1,T6 (U1,W2	, , , , , , , , , , , , , , , , , , ,	(T3,T5) (W1,V2)	
				TOLERANCES OTHERWISE SI					CTRICC($\cap RP \cap R$	$\sum_{i=1}^{n} i_{i} $
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019	DECIMA	ALS						
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012		± .01		PG 05/07/82	TITLE		ING DIAGRA	
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	CH'K'D.	TEM		STAR STAR		
	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	APPR.	05/07/82	MAT'L.	Y-CONNECTE		
01							1 1			$\neg $	$2 \vdash 1/0 \vdash 1/0 \vdash 1$
	REVISION THIS DRAWING IN DESIGN AND DETAIL IS OUR PROF	BY PERTY	DATE	FRACTIONS ANGLES	± 1/64 ± 1/2°	SCALE REF.	1=1 T2E	FINISH	IA CONNECTED F	TUN - SING DRAWING NO	GLE VOLTAGE).



CERTIFICATION DATA SHEET

Model#:	256TTDC6029 AA	WINDING#:
CONN. DIAGRAM:	5190.01	ASSEMBLY:
OUTLINE:	169551.60ME	

TYPICAL MOTOR PERFORMANCE DATA

T12904023 NONE 4

F1/F2 CAPABLE

HP	ки	ı	SYN	IC. RPM	F.L. RPM	FRAME	ENCLO	SURE	ĸv	A CODE	DESIGN
20	14.	9		1800	1780	256T	DF	•		н	В
РН	Hz	VOL	TS	FL AMPS	START TYPE	DUTY	INSL	s	.F	AMB°C	ELEVATION
3	60	57	75	No Winding Group Reference Voltage Found.	LINE OR INVERTER	CONTINUOU S	F2	1.15	5/1.0	40	3300

FULL LOAD EFF: 93	3/4 LOAD EFF: 93	1/2 LOAD EFF: 93	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83	3/4 LOAD PF: 79	1/2 LOAD PF: 70	92.4	SQ CAGE INV RATED	6.8

F.L. TORQUE	:	LOCKED ROTOR AMPS		L.R. TORQUE B.D. TOR			QUE		F.L. RISE°C	
59.2 LB-FT		112		108 LB-FT 182		190 LB-FT 320			45	
SOUND PRESSURE @ 3 FT.	SOUN	D POWER	ROTOR WK^2	2	MAX. WK^2	SA	FE STALL TIME	START /HOU	-	APPROX. MOTOR WGT
74 dBA	8	4 dBA	- LB-FT^2		- LB-FT^2		20 SEC.	2		350 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)

BEAF	BEARINGS		SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	1045 HOT	CAST IRON
6309	6208					ROLLED (C-204)	

	THERMO-PF	OTECTORS	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: CONSTANT 10:1 INV. HP SPEED RANGE: 1.5 X BASE SPEED
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/23/2017 05:02:49 AM FORM 3531 REV.3 02/07/99

* N

- 0
- T E
- s
- *

Uncontrolled Copy

** Subject to change without notice.



