

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 215TTDW7053
Catalog No: H956
10,1500,DP,215T,3/50/SPL
Other Purpose



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REGAL



Nameplate Specifications

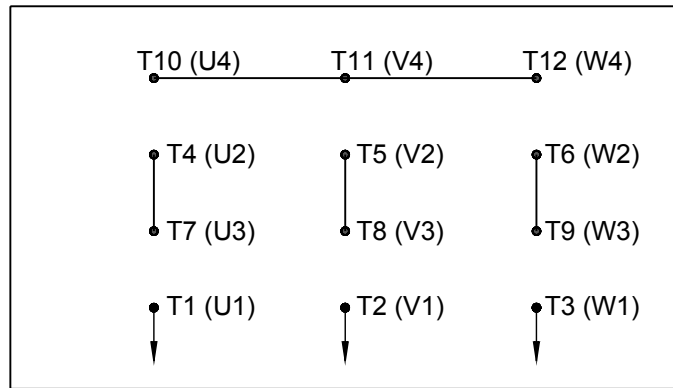
Output HP	10 Hp	Output KW	7.5 kW
Frequency	50 Hz	Voltage	190-200-208/380-400-415 V
Current	31-29.5-29.2/15.5-14.7-14.6 A	Speed	1455 rpm
Service Factor	1.15	Phase	3
Efficiency	88.7 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	A
KVA Code	H	Frame	215T
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

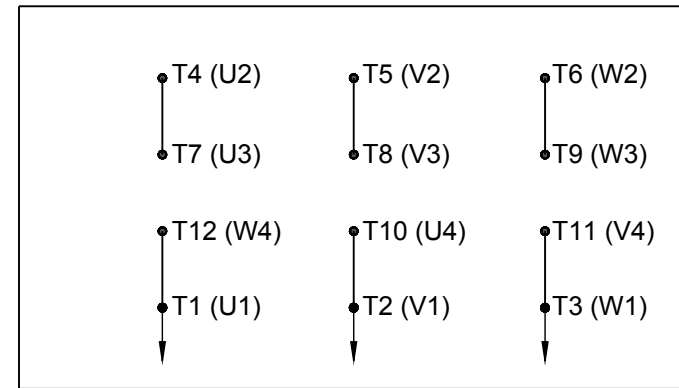
Electrical Type	SQ CAGE IND RUN	Starting Method	PWS(LV ONLY) & YDRUN
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	T
Overall Length	17.3 in	Frame Length	11.15 in
Shaft Diameter	1.38 in	Shaft Extension	3.47 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	A-SS86500-1115	Connection Diagram	A-EE7358

HIGH VOLTAGE

WYE START

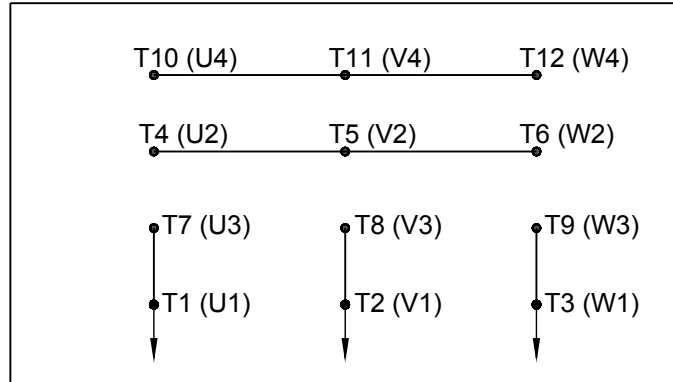


DELTA RUN

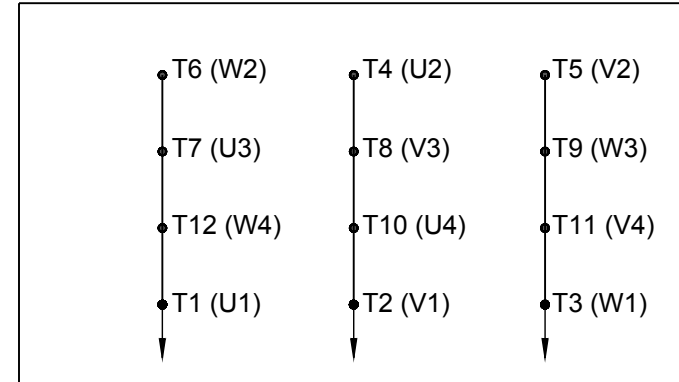


LOW VOLTAGE

WYE START



DELTA RUN

4/2 CKTY $\triangle$

DRAWING REVISION D	REVISION BY JWO	DATE 01-26-2016		DRAWN BY BLR	 Regal Beloit America, Inc.		
ECO ECO-0092547	APPROVED BY TB	DATE 01-26-2016		DATE 03-09-1998	DESCRIPTION CONN DIAGRAM-EXTERNAL 12 LEAD - DUAL VOLT. - WYE START - DELTA RUN		
ECO DESCRIPTION ADDED IEC MARKINGS				APPROVED BY GK			
				DATE 03-23-1998			
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				THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER EE7358

CERTIFICATION DATA SHEET

Model#: 215TTDW7053 AC **WINDING#:** K2154316 NONE 1
CONN. DIAGRAM: A-EE7358 **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: A-SS86500-1115

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10	7.5	1500	1455	215T	DP	H	A

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	50	190-200- 208/380-400- 415	31-29.5- 29.2/15.5- 14.7-14.6	PWS(LV ONLY) & YDRUN	CONTINUOU S	B4	1.15	40	3300

FULL LOAD EFF: 88.7	3/4 LOAD EFF: 89.5	1/2 LOAD EFF: 87.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83	3/4 LOAD PF: 79	1/2 LOAD PF: 69	86.5	SQ CAGE IND RUN	11.4 / 5.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36 LB-FT	176.7 / 88.4	53 LB-FT 147	96 LB-FT 267	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
63 dBA	73 dBA	1 LB-FT^2	60 LB-FT^2	15 SEC.	2	125 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	GRAY (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
BALL	BALL						
6307	6206						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	NONE	FALSE	NONE VOLTS
NONE	NOT	NONE	NONE			

If Inverter equals NONE, contact factory for further information

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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

DATE: 06/22/2017 07:31:22 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

