

Other Purpose Motors

Model No: 215TTDW7204

Catalog No: Y455

Other Purpose Motor, 5 & 2.22 HP, 3 Ph, 60 & 60 Hz, 200-230 & 200-230 V, 1800 RPM, 215T Frame,
DP

Product Information Packet: Model No: 215TTDW7204, Catalog No: Y455 Other Purpose Motor, 5 & 2.22 HP, 3 Ph, 60 & 60 Hz, 200-230 & 200-230 V, 1800 RPM, 215T Frame, DP

Nameplate Specifications

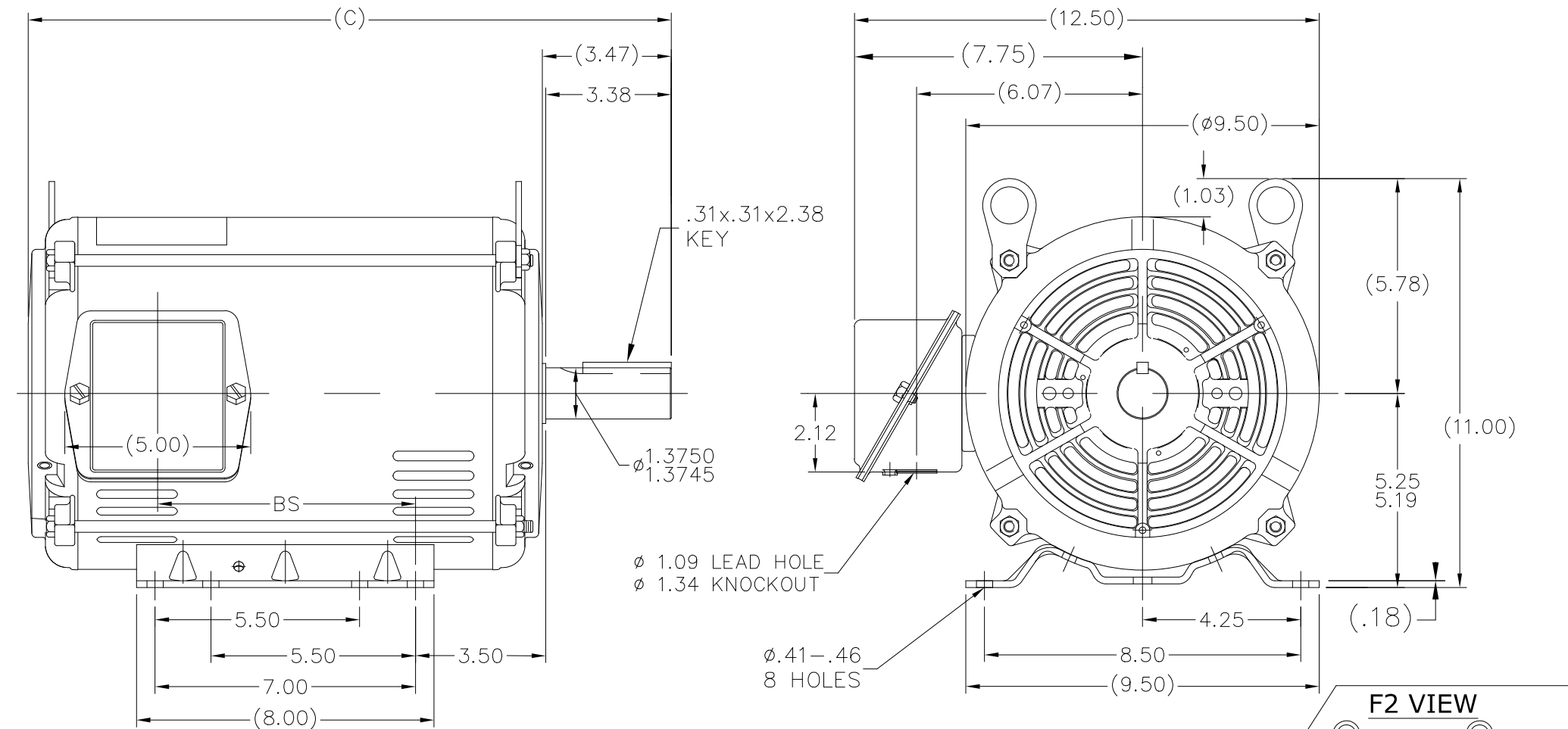
Phase	3	Output HP	5 & 2.22 Hp
Output KW	3.7 & 1.7 kW	Voltage	200-230 & 200-230 V
Speed	1775 & 1175 r/min	Synchronous RPM	1800 & 1200 r/min
Service Factor	1.15 & 1.15	Frame	215T
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	85.5 & 81.5 %	Ambient Temperature	40 °C
Frequency	60 & 60 Hz	Current	8.65-8.2 & 7.8-7.4 A
Power Factor	78.9	Duty	Continuous
Insulation Class	F	Design Code	2VT
KVA Code	N	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22	Number of Speeds	2

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//6	Rotation	Fixed Clockwise
Resistance Main	.785 O	Mounting	Rigid Base
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 3/8 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1/F2 Capable

Drawings

Connection Drawing	A-EE7317	Outline Drawing	A-SS86500-1115
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- NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
 2. BOX CAN BE MOUNTED IN 90° STEPS.
 3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

DASH	FR.	C	BS	MOUNTING
1115	213/15T	17.30	6.93	F1/F2
1240	213/15T	18.55	8.18	F1 ONLY

DRAWING REVISION	REVISION BY	REV DATE/ © DATE
U	SB	04/22/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026044	RMS	04/22/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	± 0.1	[± 3]	$\pm 7' 30''$
.XX	± 0.03	[± 0.8]	
.XXX	± 0.005	[± 0.13]	
.XXXX	± 0.0005	[± 0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 °

CORNER FILLETS: R.02 [.5]

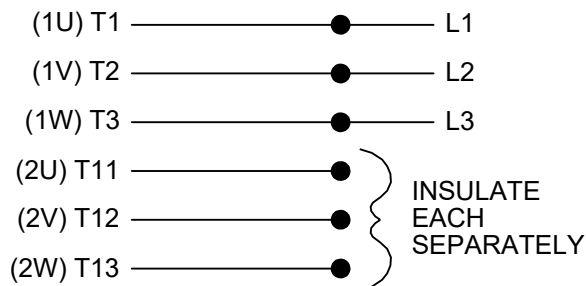
MACHINED SURFACES: 200 / 5.1 INCH $\sqrt{\text{mm}}$

mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

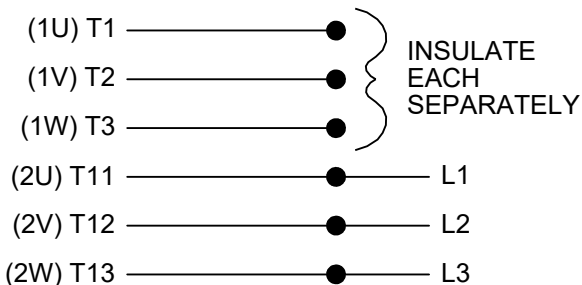
DRAWN BY	SMC
DATE	04/13/1993
APPROVED BY	DRN
DATE	04/13/1993
REFERENCE	
THIRD ANGLE PROJECTION	

marathon™		
DESCRIPTION		
OUTLINE		
210 FR - BB - TS DR. PR.		
MATERIAL		PROCESS/FINISH
SIZE	DRAWING NUMBER	SHEET
A	3 of 6 SS86500	1 OF 1

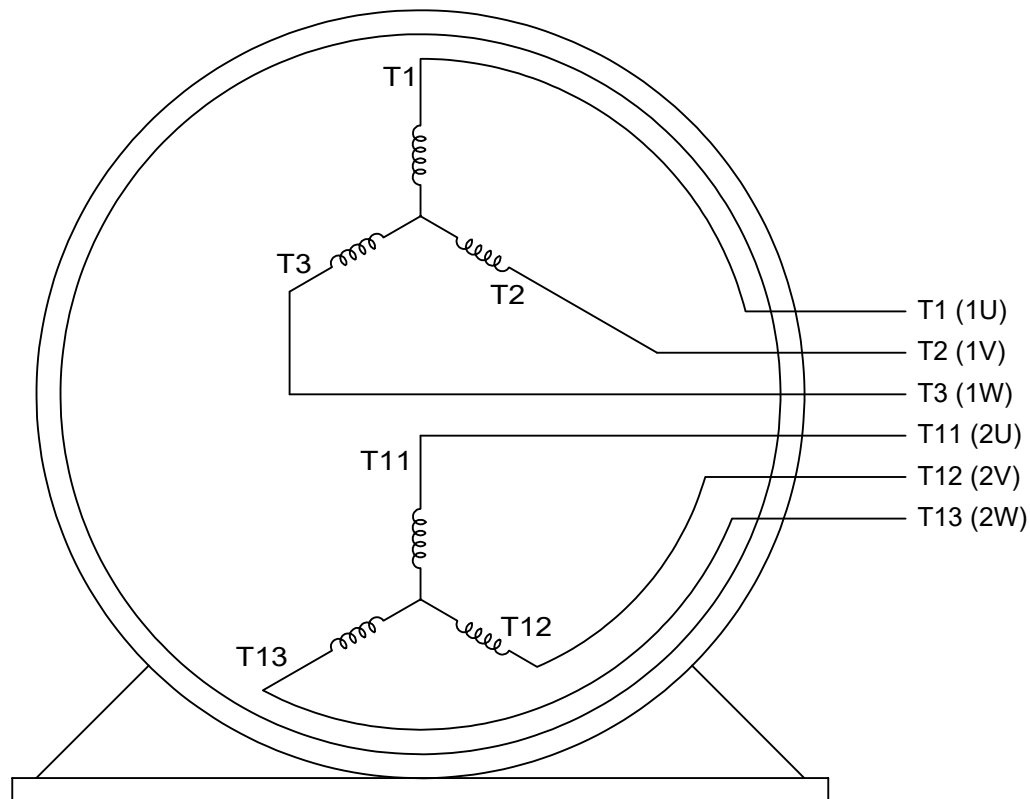
LOW SPEED



HIGHSPEED



THREE PHASE, SINGLE VOLT, 6 LEAD 2 SPEED REVERSIBLE MOTOR



VIEW OF TERMINAL END

TO REVERSE ROTATION ON
EITHER SPEED: INTERCHANGE
ANY 2 LEADS ON THE
WINDING IN USE.

DRAWING REVISION D	REVISION BY SB	REV DATE/© DATE 10/08/2025
REQUEST NUMBER CR-0024284	APPROVED BY RMS	DATE 10/08/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY LZ	marathon™	
DATE 01-05-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-INTERNAL	
DATE 01-17-1994	3 PHASE - SINGLE - 2 SPEED REVERSIBLE	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7317
		SHEET 1 OF 1

MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer CATALOG

Curve at

460

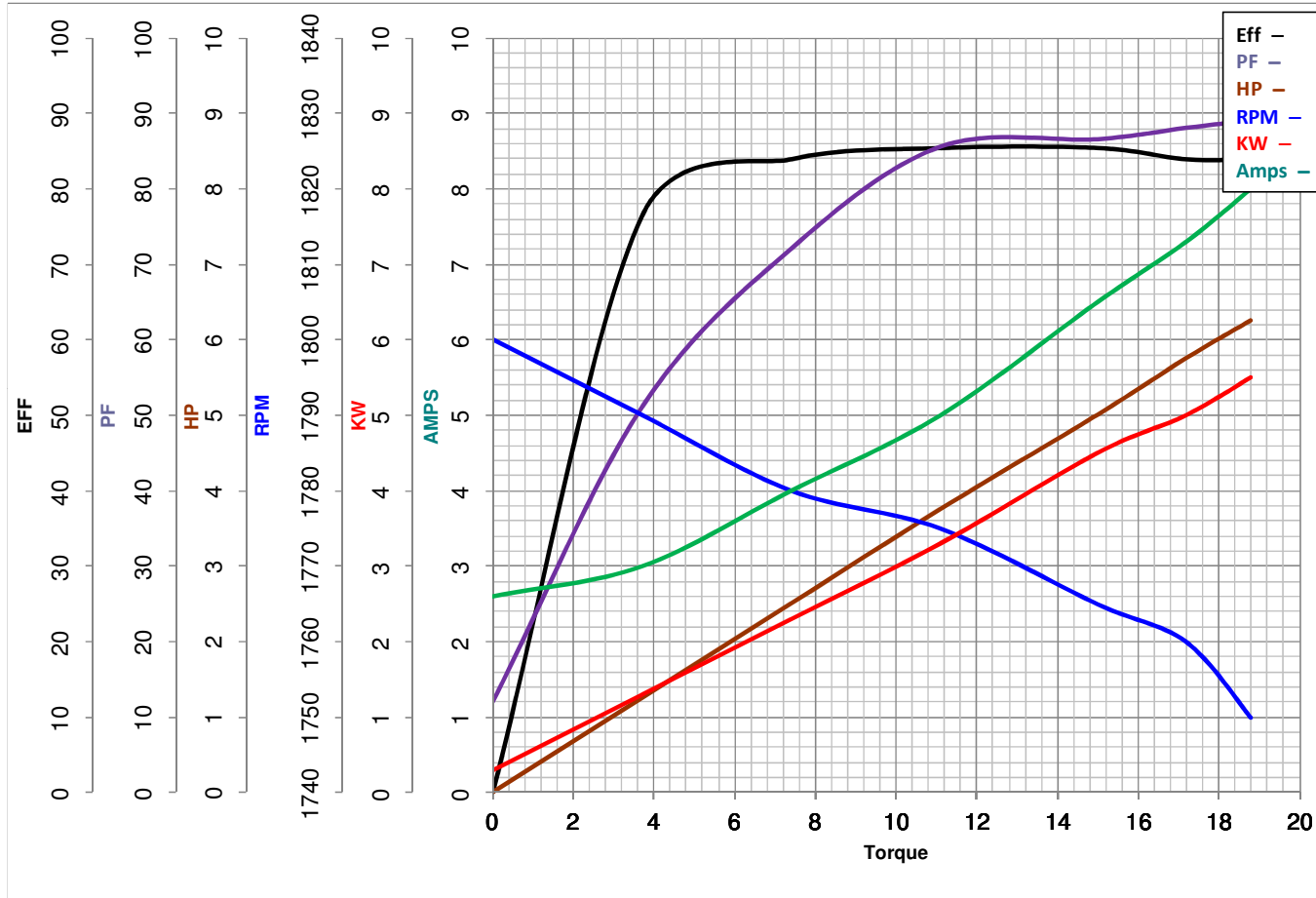
Volts

HP 5&2.22PHASE 3Model No 215TTDW720360

HZ

VOLTS 460&4605

HP

Catalog No Y415HZ 60&60RPM 1765&1175

#N/A

FL TORQUE 15 #N/ABD TORQUE 50.5 #N/ALR TORQUE 28 #N/AFL AMPS 6.5PU TORQUE 27.0LR AMPS 46

#N/A

WINDING K215(4-6)56-1

Prepared By

SRIKANTH

Date

6/20/2017

CERTIFICATION DATA SHEET

Model#: 215TTDW7204 AC
 CONN. DIAGRAM: A-EE7317
 OUTLINE: A-SS86500-1115

WINDING#: K215(4-6)57 NONE 2
 ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5&2.22	3.7&1.66	1200	1775&1175	215T	DP	N	2VT

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/60	200-230	14.5-14&7.8-7.4	ACROSS THE LINE	CONTINUOUS	F4	1.15/1.15	40	3300

FULL LOAD EFF: 85.5&81.5	3/4 LOAD EFF: 76.8	1/2 LOAD EFF: 75.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 78.9&67.8	3/4 LOAD PF: 60.9	1/2 LOAD PF: 46	77.8	SQ CAGE IND RUN	4.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
9.8 LB-FT	46	15 LB-FT 153	33.5 LB-FT 342	25

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	1 LB-FT^2	0 LB-FT^2	10 SEC.	0	97 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	BLACK (ENAMEL)

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

THERMO-PROTECTORS				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

*
N
O
T
E
S
*

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: 06/20/2017 08:49:23 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.