

PRODUCT INFORMATION PACKET

Modal No: 215TTDB6026
Catalog No: GT0019
10,1800,DP,215T,3/60/230/460
Open Drip Proof (ODP)



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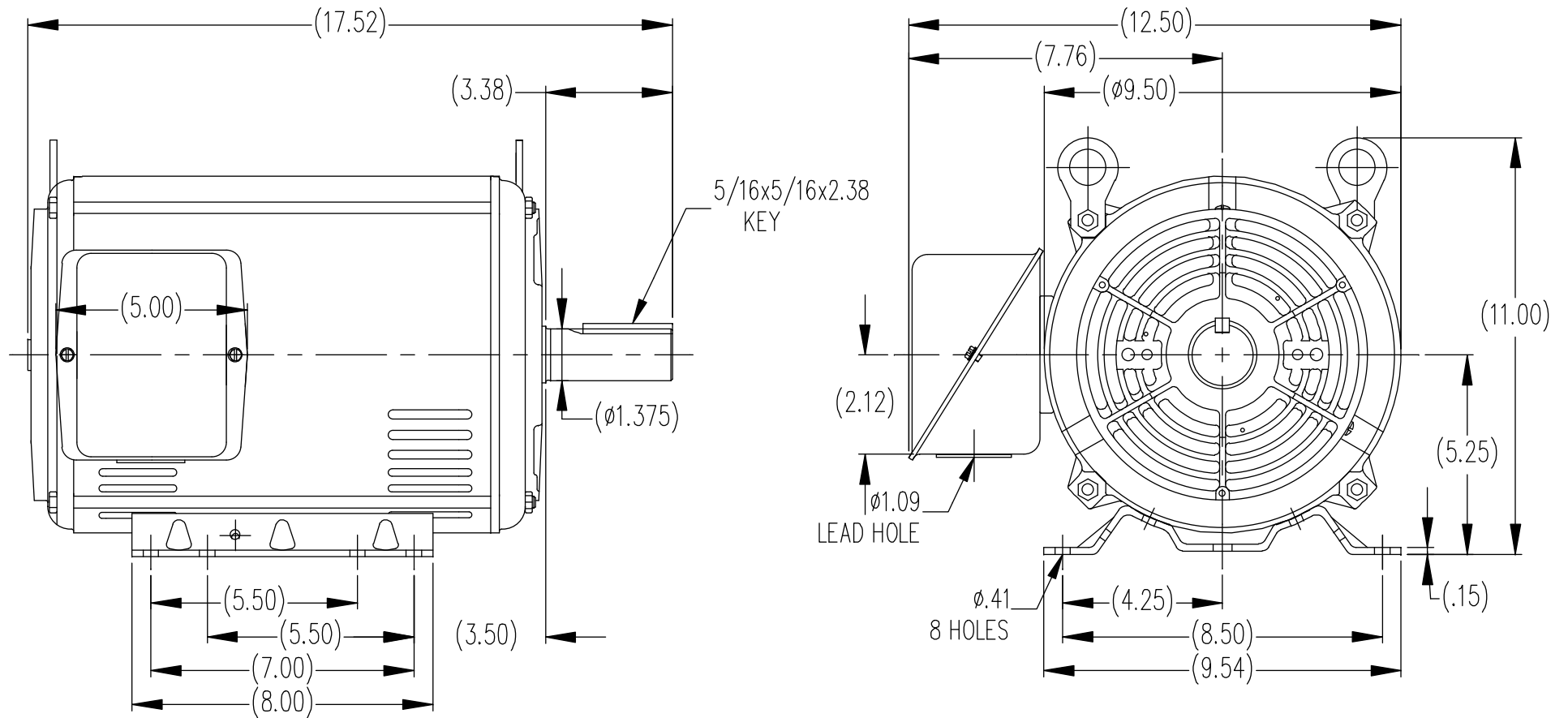


Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	24.4/12.2 A	Speed	1768 rpm
Service Factor	1.15	Phases	3
Efficiency	91.7 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
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 INV RATED	Starting Method	LINE OR INVERTER
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	17.52 in	Shaft Diameter	1.38 in
Shaft Extension	3.37 in	Assembly/Box Mounting	F1/F2 CAPABLE



(MAY NOT BE DRAWN TO SCALE)

		TOLERANCES UNLESS SPECIFIED		REGAL REGAL-BELOIT CORPORATION		DRAWN MSG 05-18-010			
		DEC.	INCHES			CHK SB 05-18-2010			
		.X	±.1	TITLE		APPD MJS 05-18-2010			
		.XX	±.03	213/215T FR. - ODP- ROLLED STEEL		SCALE 1=1			
		.XXX	±.005	MAT'L		REF			
		.XXXX	±.0005	FINISH		FMF HUADA			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	RFP	PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				DIST	CAD FILE	SS620293	SIZE	DRAWING NO.	REV.
							B	SS620293	

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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							DIST WP					



Regal Beloit America, Inc.

3Ø - DUAL VOLTAGE MOTOR

CERTIFICATION DATA SHEET

Model#: 215TTDB6026 BB WINDING#: CHT21540008 NONE 1
 CONN. DIAGRAM: EE7308 ASSEMBLY: F1/F2 CAPABLE
 OUTLINE: SS620293

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10&7 1/2	7.50&5.60	1800	1768&1470	215T	DP	H	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	24.4/12.2&22. 4/11.2	LINE OR INVERTER	CONTINUOU S	F7	1.15/1.15	40	3300

FULL LOAD EFF: 91.7&91	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 91	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83&83	3/4 LOAD PF: 76.5	1/2 LOAD PF: 64.5	91	SQ CAGE INV RATED	12 / 6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
29.7 LB-FT	162 / 81	50 LB-FT 168	80 LB-FT 269	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
47 dBA	57 dBA	0.9 LB-FT^2	79 LB-FT^2	15 SEC.	2	140 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)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	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

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INVERTER TORQUE: VARIABLE 10:1 INV. HP SPEED RANGE: NONE
ENCODER: NONE NONE NONE NONE NONE PPR
BRAKE: NONE NONE NONE P/N NONE NONE NONE NONE FT-LB NONE V NONE Hz

Data Sheet

Date: 16-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



215TTDB6026

Submittal

Data @ 460 V

Motor Load Data

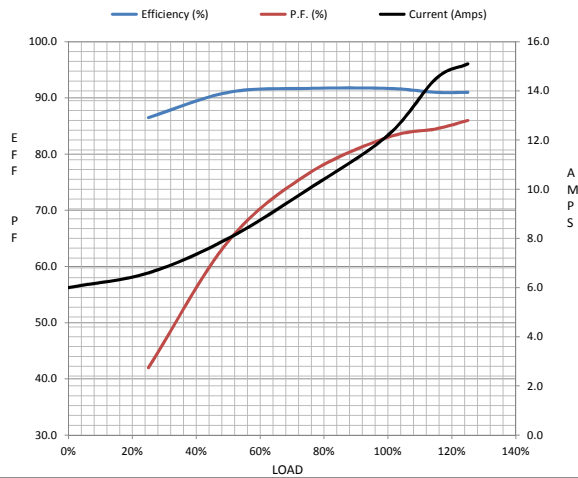
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	6.0	6.6	8.0	10.0	12.2	14.5	15.1	81.0
Torque (ft-lb)	0.00	7.3	14.7	22.2	29.7	34.2	37.3	50.0
RPM	1800	1790	1782	1775	1768	1,763	1760	0
Efficiency (%)		86.5	91.0	91.7	91.7	91.0	91.0	
P.F. (%)	8.0	42.0	64.5	76.5	83.0	84.5	86.0	32.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1710	1768	1800
Current (Amps)	81.0	75.0	48.0	12.2	6.0
Torque (ft-lb)	50.0	40.0	80.0	29.7	0.00

Information Block

HP	10.0			
Sync. RPM	1800			
Frame	215			
Enclosure	DP			
Construction	TDB			
Voltage	30/460#190/38(V)			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	55 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.90 Lb-Ft ²			
Ref Wdg	CHT21540008 NONE			
Sound Pressure @ 1M	47 dBA			
VFD Rating	VARIABLE 10:1			
Outline Dwg	SS620293			
Conn. Diag	EE7308			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.4830	0.4120	2.3000	3.1520	59.6400



Speed -Torque Curve

