

# PRODUCT INFORMATION PACKET

Model No: 215TTDB6013

Catalog No: GT2521

15 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 575 V, 215JP Frame, ODP  
JP Motors



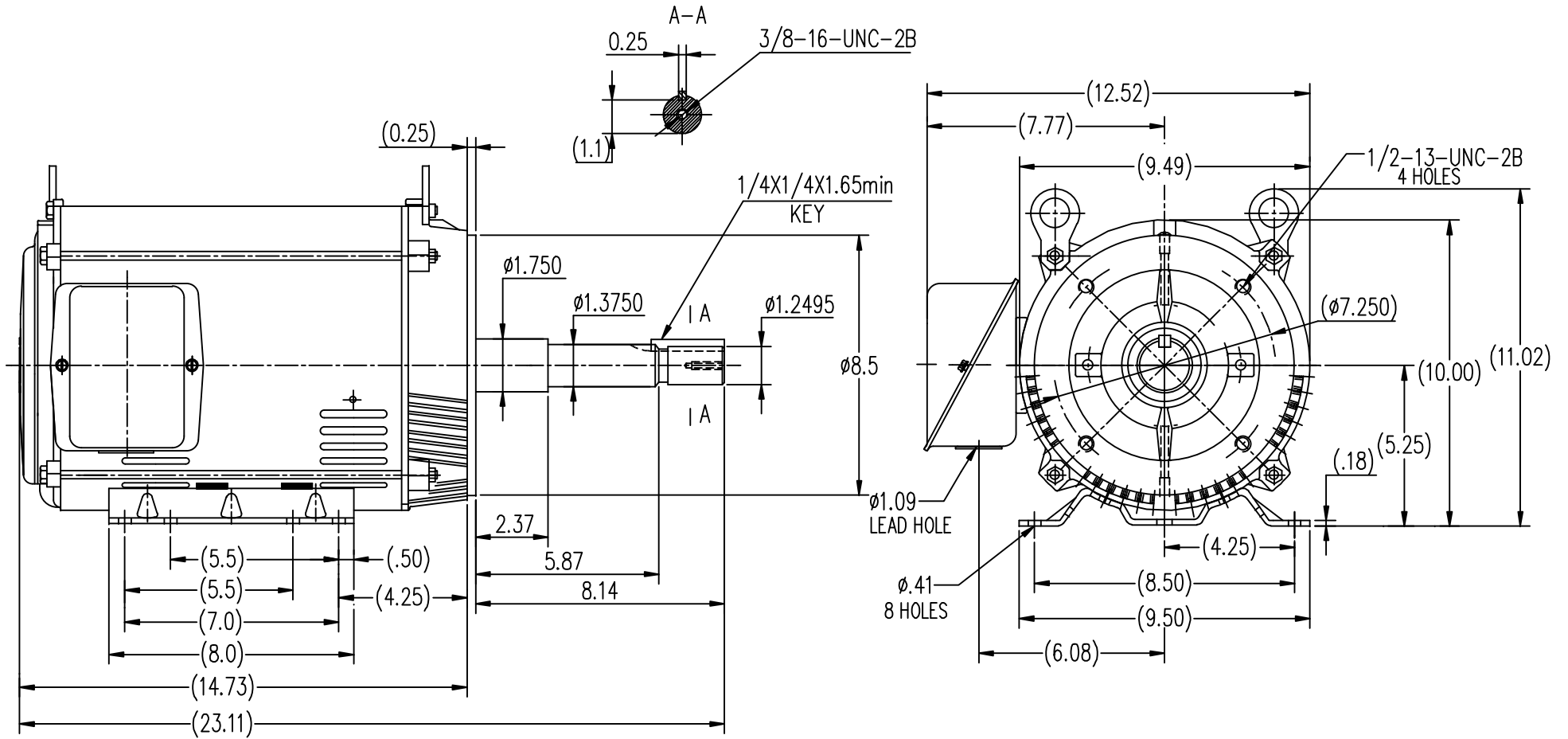
### Nameplate Specifications

Output HP	<b>15 Hp</b>	Output KW	<b>11.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>575 V</b>
Current	<b>13.6 A</b>	Speed	<b>3525 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>90.2 %</b>	Power Factor	<b>90.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Frame	<b>215JP</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6309</b>	Opp Drive End Bearing Size	<b>6206</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>22</b>

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.6298 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>JP</b>	Overall Length	<b>23.11 in</b>
Shaft Diameter	<b>1.250 in</b>	Shaft Extension	<b>8.14 in</b>
Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>		
Connection Drawing	<b>EE7300</b>	Outline Drawing	<b>SS620571</b>

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		TOLERANCES UNLESS SPECIFIED			DRAWN Lee 05-16-2012							
		DEC.	INCHES		CHK HPH 05-16-2012							
		.X	±.1		APPD JGX 05-16-2012							
		.XX	±.03		SCALE 1=5							
		.XXX	±.005		REF							
		.XXXX	±.0005	MAT'L	FMF HWADA							
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH	RFP	CAD FILE	SS620571	SIZE	DRAWING NO.	REV.
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**THREE PHASE - SINGLE VOLTAGE  
MOTOR - CONDUIT BOX @ 'A'**

**TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.**

**TERMINAL BLOCK WHEN SPECIFIED**



**VIEW OF TERMINAL END**

**IF MOTOR HAS  
6 LEADS**



A-9806 DECAL

**OPTIONAL CORD  
CONNECTION**



DRAWING REVISION <b>AB</b>	REVISION BY <b>JJB</b>	DATE <b>06-27-2017</b>
ECO <b>ECO-0125361</b>	APPROVED BY <b>TB</b>	DATE <b>06-27-2017</b>
ECO DESCRIPTION <b>UPDATED TO CURRENT STANDARDS</b>		
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DRAWN BY <b>DA</b>
DATE <b>03-26-1993</b>
APPROVED BY <b>TB</b>
DATE <b>03-26-1993</b>
REFERENCE
THIRD ANGLE PROJECTION

<b>Regal Beloit America, Inc.</b>		
		DESCRIPTION <b>CONNECTION DIAGRAM</b> EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR
MATERIAL	PROCESS/FINISH	
SIZE <b>A</b>	DRAWING NUMBER <b>EE7300</b>	SHEET <b>1 OF 1</b>



Data Sheet

Date: 15-06-2017  
 Customer: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Submitted by: FAREEDA DUDEKULA



215TTDB6013

Submittal

Data @ 575 V

Motor Load Data

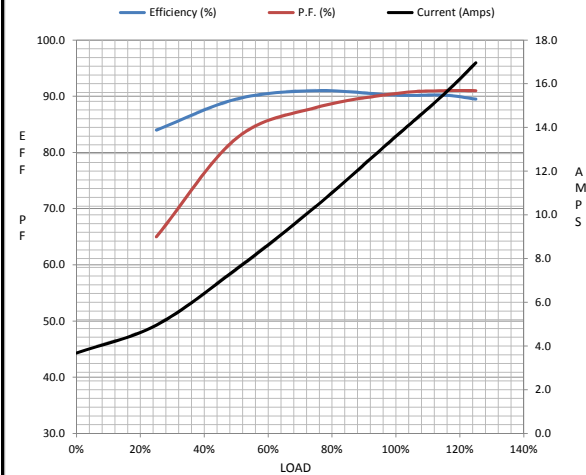
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.7	5.0	7.5	10.4	13.6	15.5	17.0	89.2
Torque (ft-lb)	0.00	5.5	11.0	16.7	22.4	25.8	28.1	42.5
RPM	3600	3580	3563	3545	3525	3510	3500	0
Efficiency (%)		84.0	89.5	91.0	90.2	90.2	89.5	
P.F. (%)	11.0	65.0	82.5	88.0	90.5	91.0	91.0	39.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	3105	3525	3600
Current (Amps)	89.2	80.0	56.4	13.6	3.7
Torque (ft-lb)	42.5	38.0	63.0	22.4	0.00

Information Block

HP	15.0			
Sync. RPM	3600			
Frame	215			
Enclosure	DP			
Construction	TDB			
Voltage	575 V			
Frequency	60 Hz			
Design	A			
LR Code letter	G			
Service Factor	1.15			
Temp Rise @ FL	40 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk <sup>2</sup>	0.42 Lb-Ft <sup>2</sup>			
Ref Wdg	CHT21520004 NONE			
Sound Pressure @ 1M	60 dBA			
VFD Rating	VARIABLE 10:1			
Outline Dwg	SS620571			
Conn. Diag	EE7300			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.5910	0.5320	2.0970	2.0670	91.5470



Speed -Torque Curve

