

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 213TTDB6013

Catalog No: GT2518

10 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 575 V, 213JP Frame, ODP
JP Motors



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REGAL

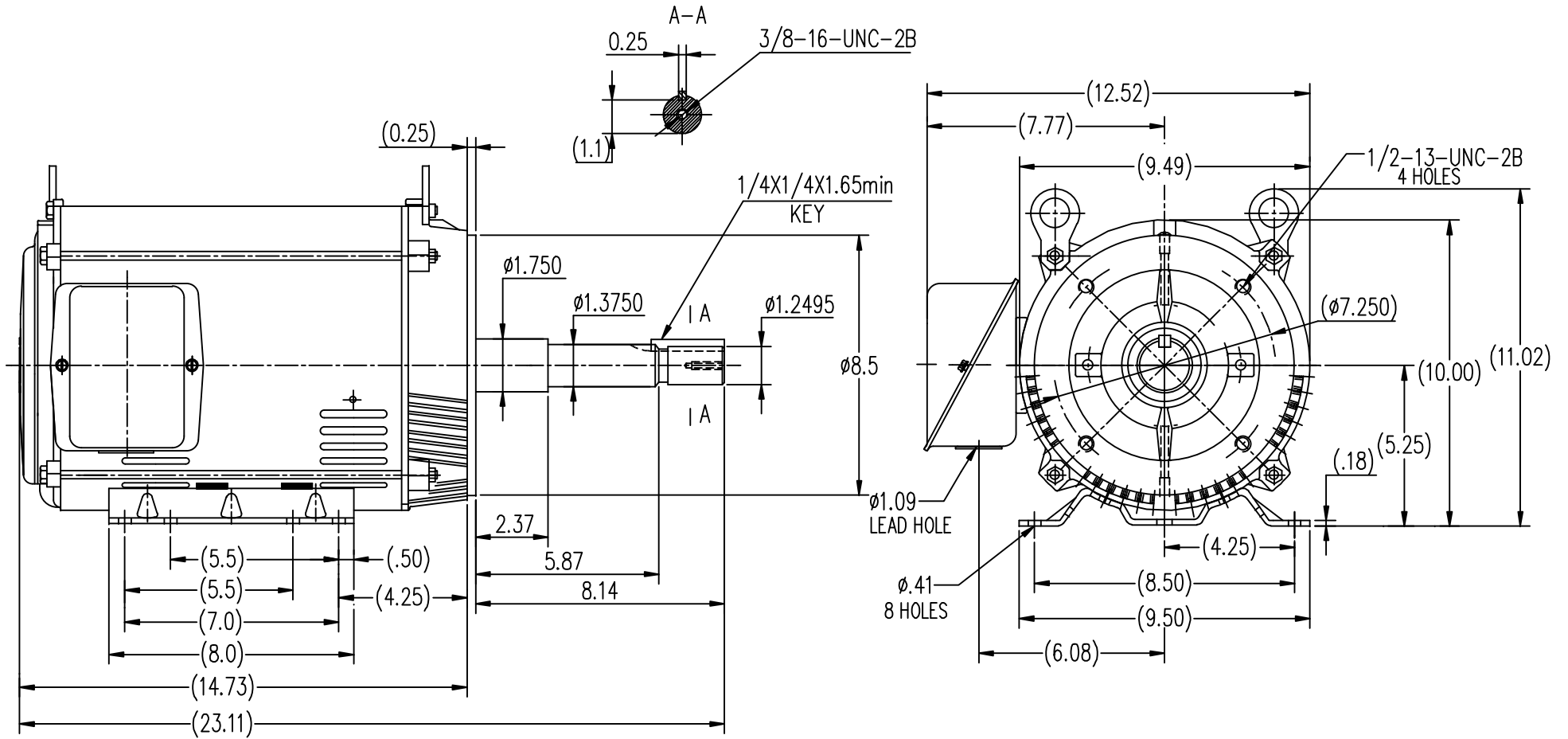
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	575 V
Current	9.1 A	Speed	3525 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	213JP	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Recognized	CSA	Y
CE	Y	IP Code	22

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.998 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	23.11 in
Shaft Diameter	1.250 in	Shaft Extension	8.14 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS620571	Connection Drawing	EE7300

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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	FMF HWADA	
NO.	REVISION	BY & DATE	CHK ANG ±1/2	FINISH	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			RFP	CAD FILE SS620571	SIZE B
			DIST		DRAWING NO. SS620571
					REV.

**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**

- L1 _____ WHITE
- L2 _____ RED
- L3 _____ BLACK

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

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



Submission
Data @ 575 V

Date: 6/19/2017

Customer:
Attention:
Submitted by: FAREEDA DUDEKULA

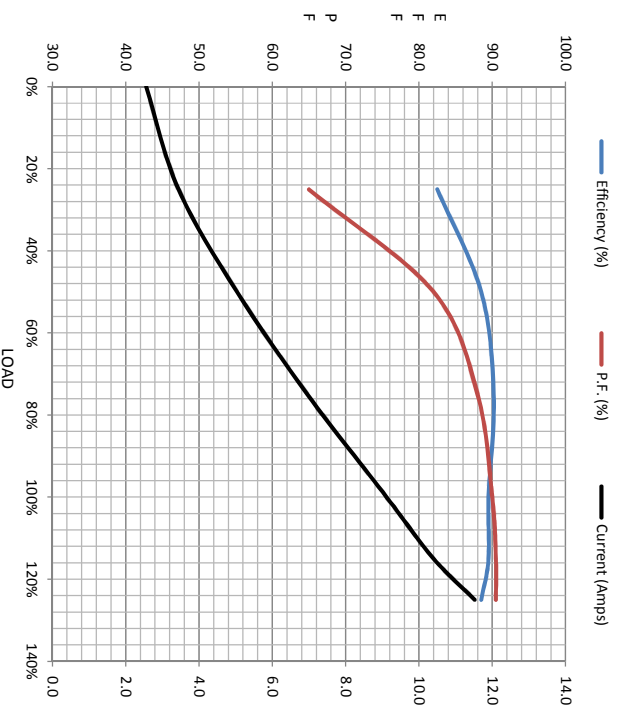
Load	Motor Load Data							
	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	2.56	3.4	5.0	7.0	9.1	10.4	11.5	56.8
Torque (ft-lb)	0.00	3.7	7.4	11.1	14.9	17.2	18.7	25.0
RPM	3600	3580	3565	3545	3525	3510	3500	0
P.F. (%)	13.0	65.0	82.0	88.0	90.0	90.5	90.5	37.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (rpm)	0	1800	3150	3525	3600
Current (Amps)	56.8	51.2	36.8	9.1	2.56
Torque (ft-lb)	25.0	22.0	42.0	14.9	0.00

Information Block

HP	10.0
Sync. RPM	3600
Frame	213
Enclosure	DP
Construction	TDB
Voltage	575 V
Frequency	60 Hz
Design	B
LR Code letter	G
Service Factor	1.15
Temp Rise @ FL	35 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wkt	0.35 Ld-Fe
Rel Wdg	CHT21320004 NONE
Sound Pressure @ 1M	75 dBA
VFD Rating	VARIABLE 10:1
Outline Dwg	SS620571
Conn. Diag	EE7300
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.9320	0.7540
X1	X2
3.2840	2.8400
Xm	Xm
	132.2380



Speed - Torque Curve

