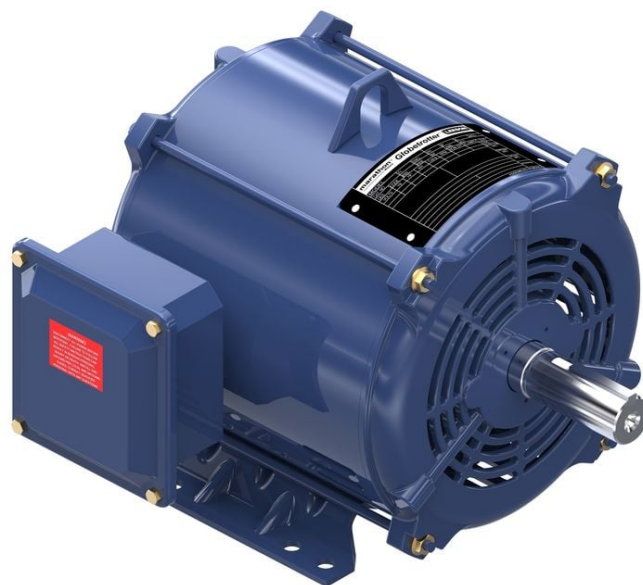


PRODUCT INFORMATION PACKET

Model No: 184TTDBD7230

Catalog No: Y468B

Multispeed Motor, 3 & 0.75 HP, 3 Ph, 60 Hz, 460 & 460 V, 1800 & 1800 RPM, 184T Frame, DP



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Nameplate Specifications

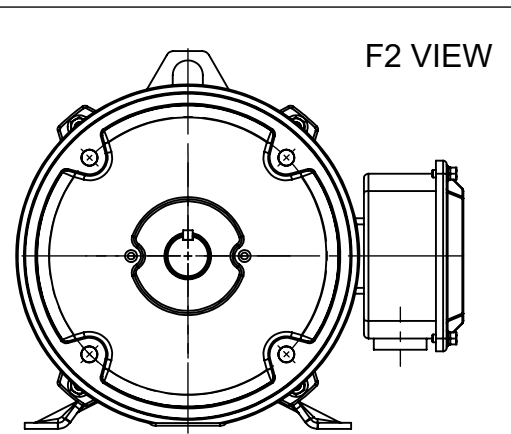
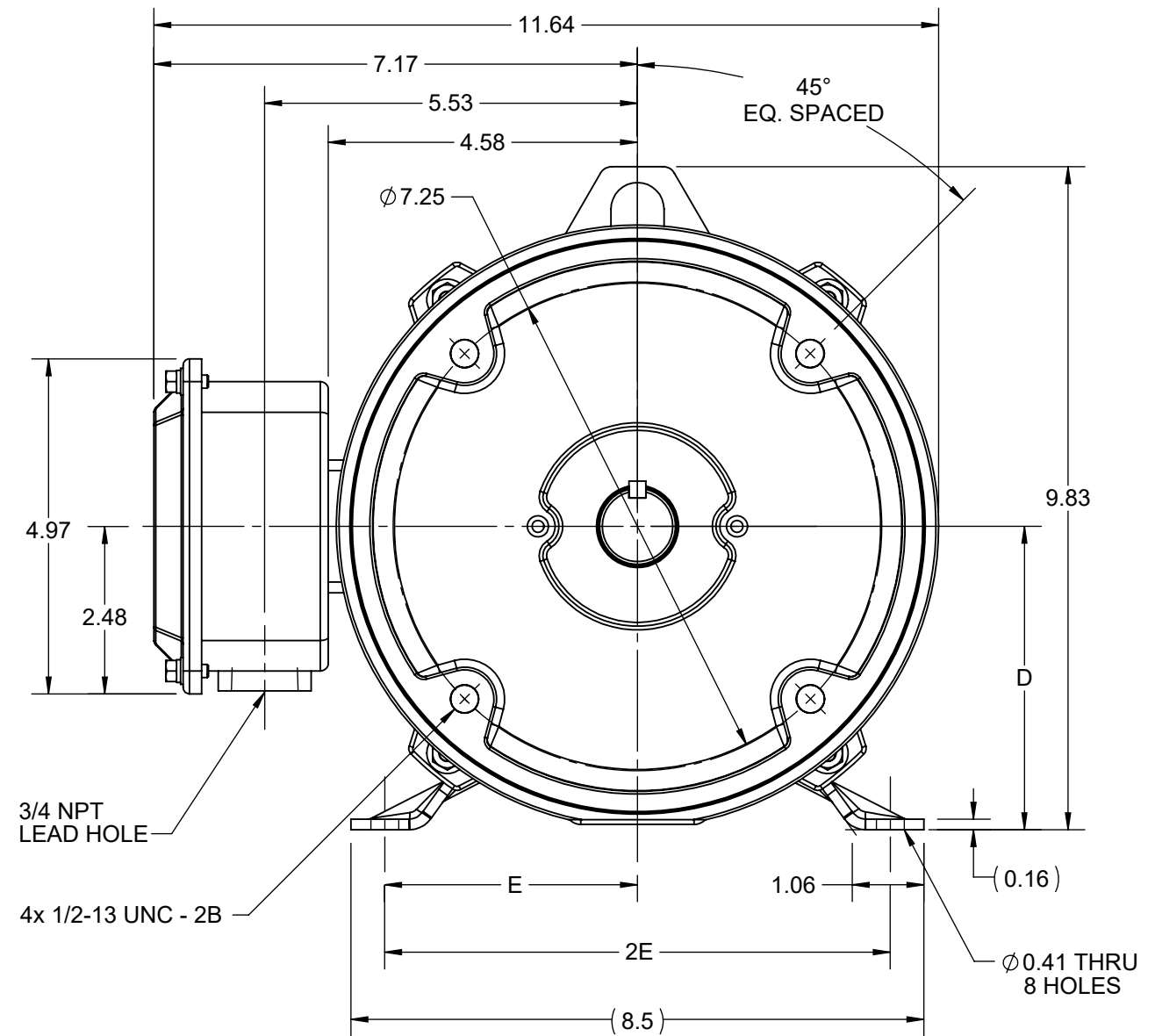
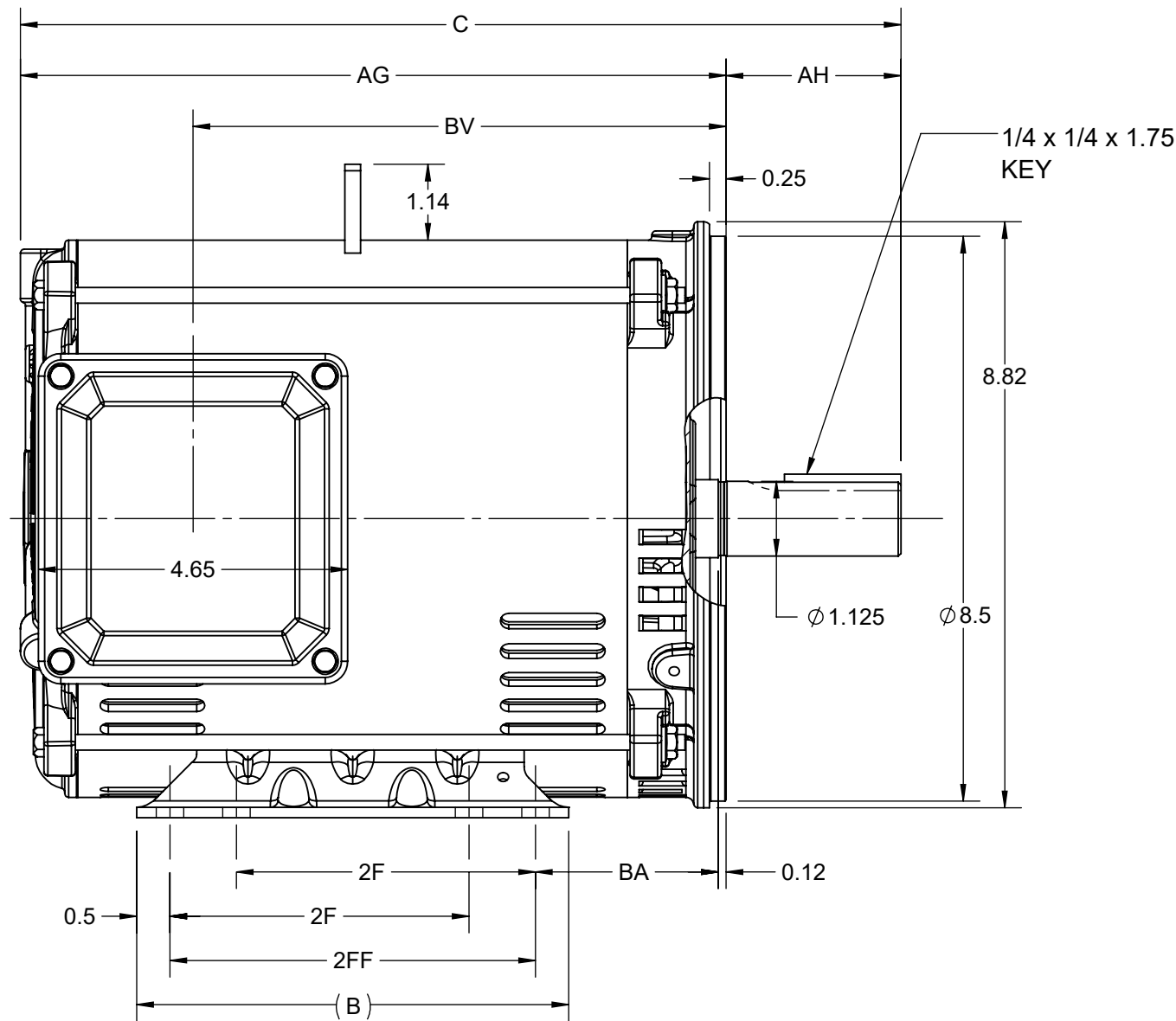
Phase	3	Output HP	3 & 0.75 Hp
Output KW	2.2 & 0.56 kW	Voltage	460 & 460 V
Speed	1770 & 882 rpm	Service Factor	1.15 & 1.15
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	83.5 & 67 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	3.8 & 1.8 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	2VT	KVA Code	K
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6203
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//8	Rotation	Reversible
Resistance Main	7.8549 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS600198-200	Connection Drawing	EE7317

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DASH NO.	4				3				2				1
	B	C	D	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
100	6.50	12.25	4.50	3.75	7.50	4.50	5.50	9.63	2.62	2.75	7.02	F1 OR F2	182TC
200		13.25						10.63			8.02		184TC

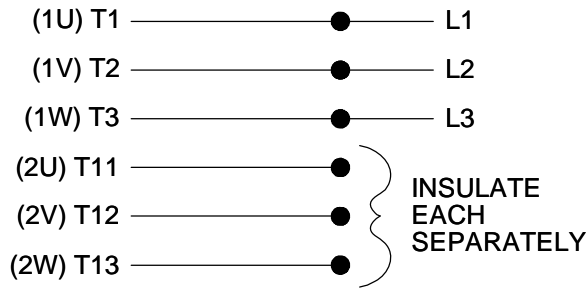


DRAWING REVISION A	REVISION BY RAM	REV DATE/© DATE 22/08/2022
REQUEST NUMBER CR-0010970	APPROVED BY SBD	DATE 22/08/2022
REQUEST NUMBER DESCRIPTION NEW DRAWING RELEASE		
<small>COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>		

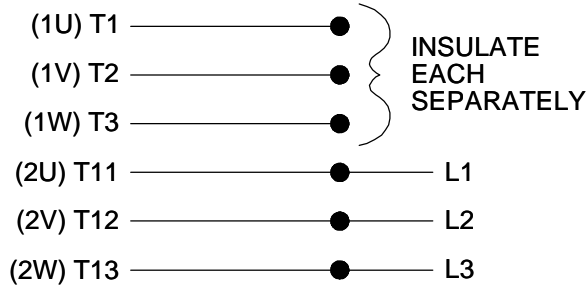
PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY RAM	Regal Beloit America, Inc.
DATE 22/08/2022	
APPROVED BY SBD	DESCRIPTION OUTLINE 182/184TC FR NEMA ODP RS C-FACE KIT
DATE 22/08/2022	MATERIAL
REFERENCE SS600198	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B
	DRAWING NUMBER SS600198A
	SHEET 1 OF 1

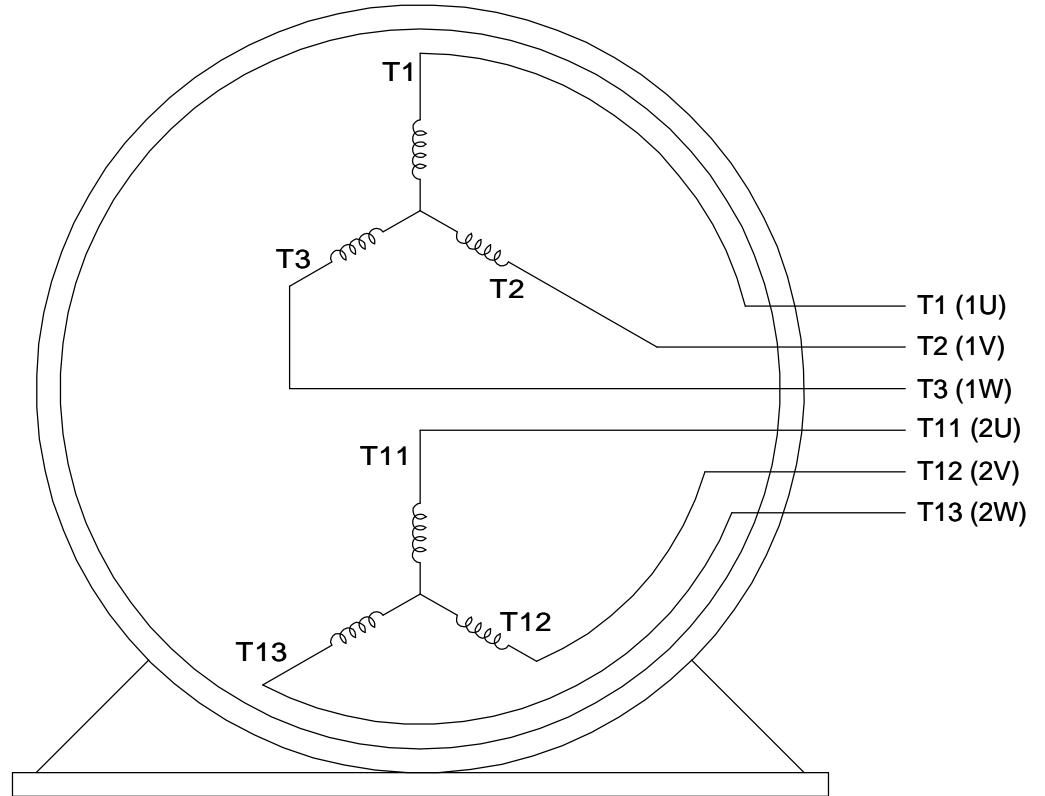
LOW SPEED



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 C	REVISION BY JJB	DATE 10-25-2017		DRAWN BY LZ	Regal Beloit America, Inc.	
ECO ECO-0132917	APPROVED BY TLB	DATE 10-30-2017		DATE 01-05-1994		
ECO DESCRIPTION REVISED PER ECO & UPDATED TO STANDARDS				APPROVED BY GK	DESCRIPTION CONN DIAGRAM-INTERNAL	
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>				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

Data Sheet

Date: 12/14/2021
 Customer: _____
 Attention: _____
 Submitted by: SHERYL KUEHMICHEL



184TTDBD7230

Submittal

Data @ 460 V

Motor Load Data

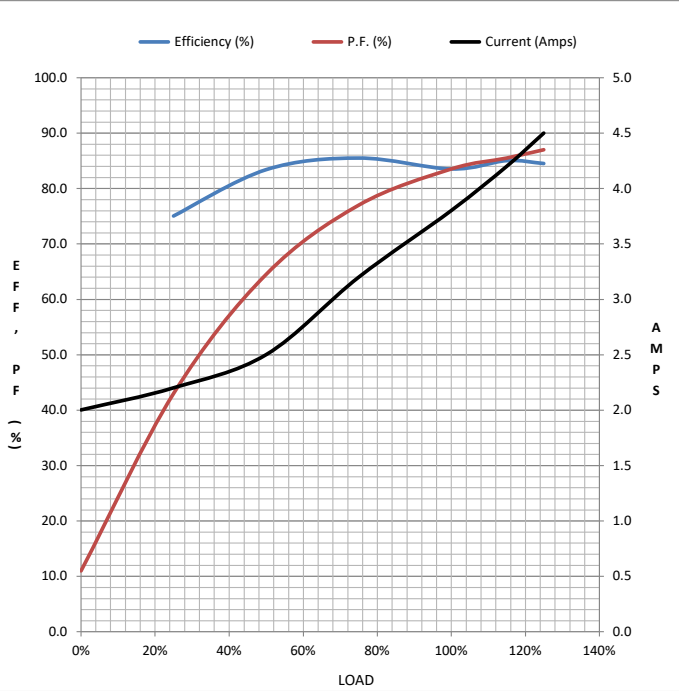
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	2.00	2.20	2.50	3.2	3.8	4.2	4.5	32.5
Torque(ft-lb)	0.00	2.20	4.4	6.7	8.9	10.2	11.2	16.1
RPM	1800	1792	1785	1778	1770	1,765	1762	0
Efficiency (%)		75.0	83.4	85.5	83.5	85.0	84.5	
P.F. (%)	11.0	43.0	64.5	77.0	83.5	85.5	87.0	69.8

Motor Speed Data

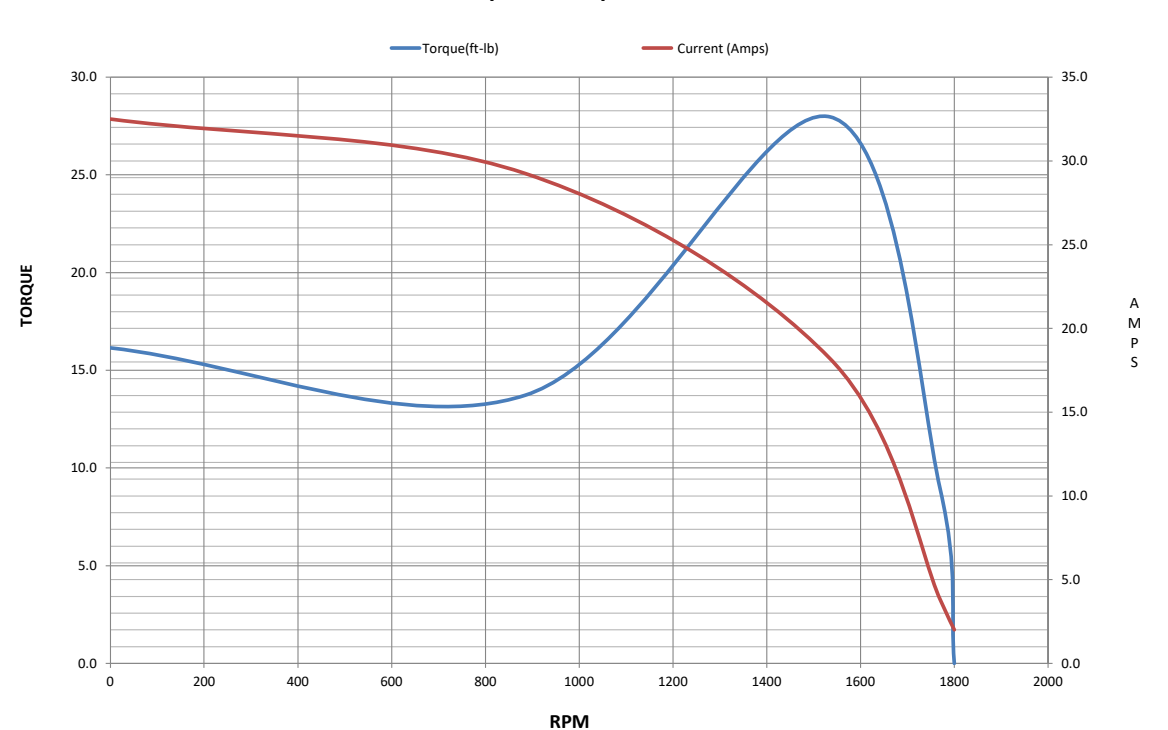
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	885	1535	1770	1800
Current (Amps)	32.5	29.3	18.2	3.8	2.00
Torque(ft-lb)	16.1	13.7	28.0	8.9	0.00

Information Block

HP	3.0			
Sync. RPM	1800			
Frame	184T			
Enclosure	DP			
Construction	TDR			
Voltage	460 V			
Frequency	60 Hz			
Design	2VT			
LR Code letter	K			
Service Factor	1.15			
Temp Rise @ FL	75 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	3,300 feet			
Rotor/Shaft wk ²	0.00 Lb-Ft ²			
Ref Wdg	HA3112(4-8)02 HS			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NA			
Outline Dwg	SS600198-200			
Conn. Diag	EE7317			
Additional Specifications:				
CATALOG # Y468B				
HIGH SPEED PERFORMANCE				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
4.5285	1.1628	5.1997	4.4434	128.5744



Speed - Torque Curve



Data Sheet

Date: 12/14/2021
 Customer: _____
 Attention: _____
 Submitted by: SHERYL KUEHMICHEL



184TTDBD7230

Submittal

Data @ 460 V

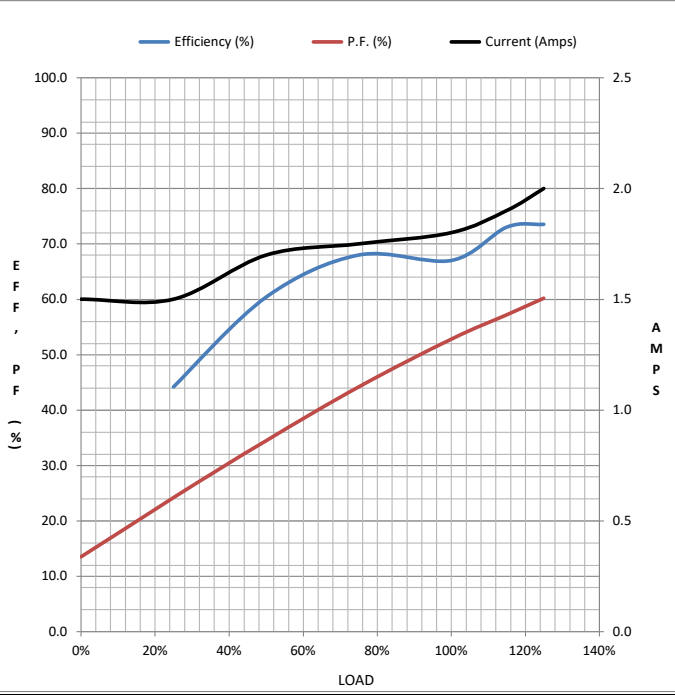
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.50	1.50	1.70	1.75	1.80	1.90	2.00	8.5
Torque(ft-lb)	0.00	1.11	2.22	3.3	4.5	5.1	5.6	7.5
RPM	900	895	892	888	882	880	878	0
Efficiency (%)		44.2	60.4	68.0	67.0	73.0	73.5	
P.F. (%)	13.5	24.2	34.5	44.2	52.8	57.2	60.2	64

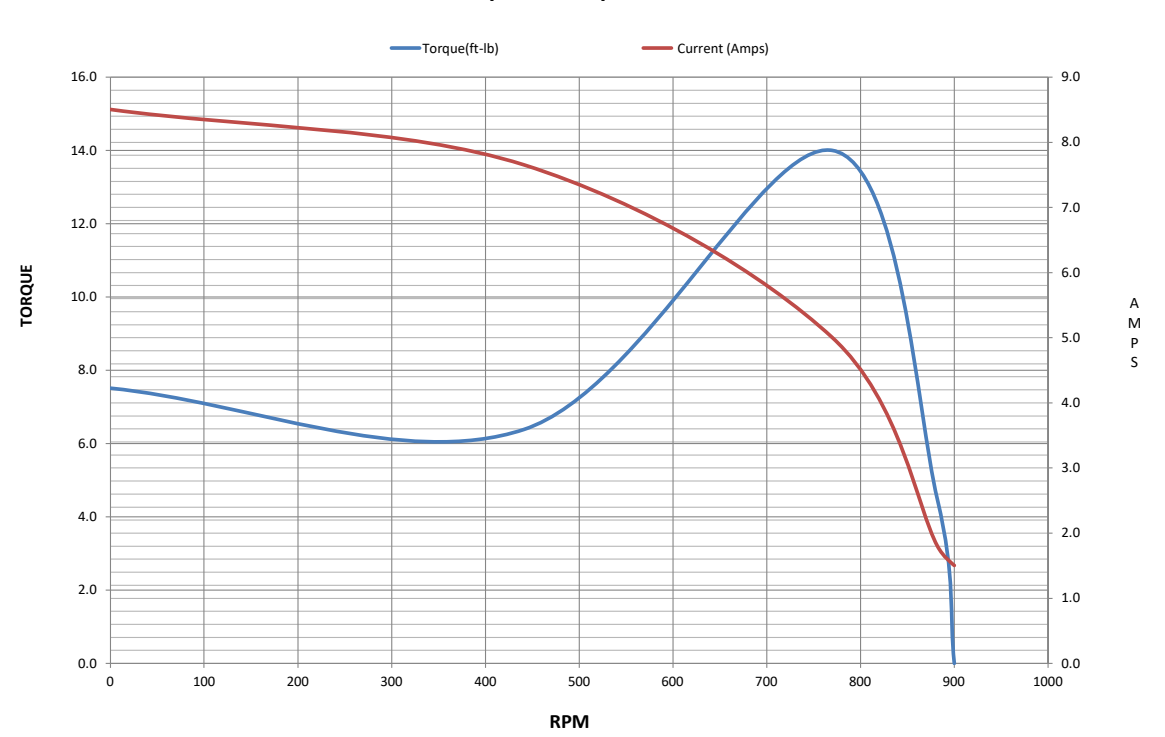
Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	441	770	882	900
Current (Amps)	8.5	7.7	5.0	1.80	1.50
Torque(ft-lb)	7.5	6.4	14.0	4.5	0.00

Information Block				
HP	0.75			
Sync. RPM	900			
Frame	184T			
Enclosure	DP			
Construction	TDR			
Voltage	460 V			
Frequency	60 Hz			
Design	2VT			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	75 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	3,300 feet			
Rotor/Shaft wk ²	0.00 Lb-Ft ²			
Ref Wdg	HA3112(4-8)02 HS			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NA			
Outline Dwg	SS600198-200			
Conn. Diag	EE7317			
Additional Specifications:				
CATALOG # Y468B				
LOW SPEED PERFORMANCE				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
16.0353	4.5005	14.3712	19.2877	145.9813



Speed -Torque Curve



EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 184TTDBD7230

(Model No. may contain prefix and/or suffix characters)

Catalog No : Y468B

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22