PRODUCT INFORMATION PACKET

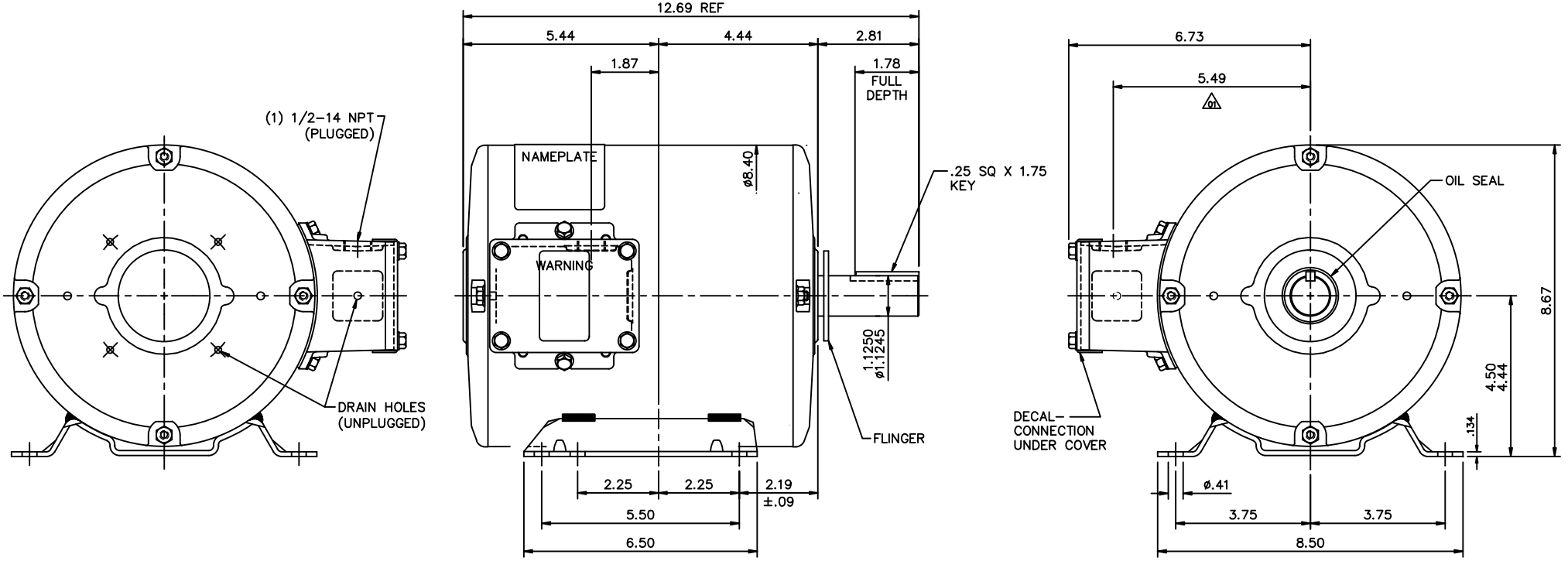
Model No: 132194.20
Catalog No: 132194.20
..2HP..1170/970RPM.184TV.TENV.208-230/460VAC.3PH.60/50HZ.AIROVER.65C.1.15SF.RIGID.....

Nameplate Specifications

Phase	3	Output HP	2 & 2 Hp
Output KW	1.5 & 1.5 kW	Voltage	230/460 & 190-208/380-415 V
Speed	1170 & 970 rpm	Service Factor	1.15 & 1.15
Frame	184TV	Enclosure	Totally Enclosed Air Over
Thermal Protection	No Protection	Efficiency	86.5 %
Ambient Temperature	65 °C	Frequency	60 & 50 Hz
Current	7.2/3.6 & 8-8.2/4-4.1 A	Power Factor	60
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	L
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	6.2 Ohms	Mounting	Rigid Base
Motor Orientation	Shaft Up	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	1.125 in
Assembly/Box Mounting	W8		
Outline Drawing	OL132194-850	Connection Drawing	005010.01



SPECIAL FEATURES:
1) SHAFT SEAL & V-RING
2) DRAIN HOLES IN LEAD END ENDBELL & CONDUIT BOX
3) STAINLESS STEEL SHAFT & KEY
4) GASKETS THROUGHOUT

NO.	REVISION	BY & DATE	CHK
03	UPDATED PER ISAAC 10-2576	LST 6/23/10	
02	UPDATED PER MT2 CONVERSION ISAAC 10-0609	LST 2/8/10	
01	C. BOX HOLE LOCATION WAS 5.39 PER ISAAC 10-0201	LST 1/14/10	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE - 180T FRAME T.E.A.O. - RIGID

MAT'L.

FINISH: FASTENAL

CAD FILE: OL132194

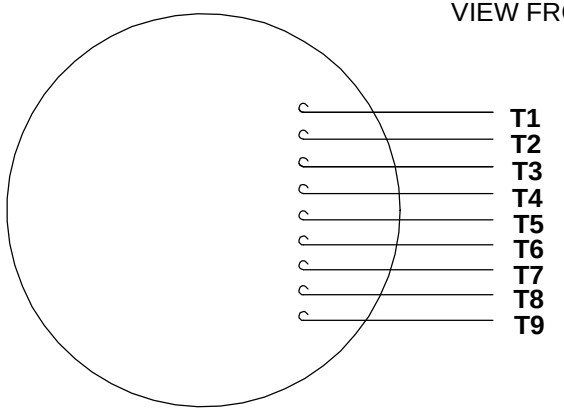
RFP

DIST

DRAWN	VS 07/29/09
CHK	
APPD	VS 07/29/09
SCALE	3=8
REF	OLPR090101
FMF	
PREV	

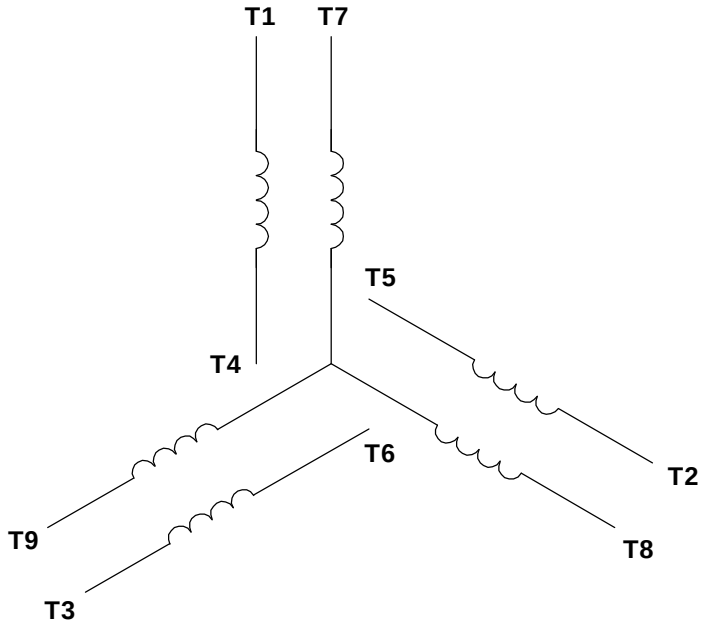
SIZE: B | DRAWING NO.: OL132194 | REV.: 03

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



MODEL NO.	HP	RPM	VOLTAGE	MODEL NO.	HP	RPM	VOLTAGE
3N841	1/4	1725	208-230/460	6WY43	1 1/2	1740	208-230/460
3N842	1/3	1725	208-230/460	6WY44	1 1/2	3450	208-230/460
3N851	1/3	3450	208-230/460	6WY45	1 1/2	3450	208-230/460
3N852	1/2	3450	208-230/460	6WY46	2	1740	208-230/460
3N854	1/3	3450	208-230/460	6WY47	2	1740	208-230/460
3N855	1/2	3450	208-230/460	6WY48	2	3450	208-230/460
6WY28	1/3	1740	208-230/460	6WY49	2	3450	208-230/460
6WY29	1/3	3450	208-230/460	6WY50	3	3450	208-230/460
6WY30	1/2	1140	208-230/460	6WY51	1/2	1140	208-230/460
6WY31	1/2	1740	208-230/460	6WY52	1/2	1140	208-230/460
6WY32	1/2	3450	208-230/460	6WY53	1/2	1740	208-230/460
6WY33	3/4	1140	208-230/460	6WY54	3/4	1140	208-230/460
6WY34	3/4	1740	208-230/460	6WY55	3/4	1740	208-230/460
6WY35	3/4	3450	208-230/460	6WY56	1	1140	208-230/460
6WY36	1	1140	208-230/460	6WY57	1	1740	208-230/460
6WY37	1	1140	208-230/460	6WY58	1	1740	208-230/460
6WY38	1	1740	208-230/460	6WY59	1 1/2	1740	208-230/460
6WY39	1	1740	208-230/460	6WY60	1 1/2	1740	208-230/460
6WY40	1	3450	208-230/460	6WY61	2	1740	208-230/460
6WY41	1	3450	208-230/460	6WY62	2	1740	208-230/460
6WY42	1	1740	208-230/460				

LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

NO	REVISION	BY & DATE	CHK
04	REVISED GRAINGER ADDRESS AS PER IS12-2651	PVR 7/4/2012	PI
03	REDRAWN IN SOLIDWORKS	VJB 02/08/11	
02	ADDED 3N841, 842, 851, 852, 854 & 855 TO CHART	RDW 10/28/05	KH
01	REMV'D 4YU41, ADDED 6WY28 - 6WY62	RDW 8/01/05	KH

TOLERANCES UNLESS SPECIFIED

DEC	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

THIRD ANGLE PROJECTION

Dayton® Dayton Electric Mfg. Co.
Lake Forest
IL 60045 USA

TITLE EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR

MAT'L DECAL - 004014

FINISH

RFP

PREV

NETWORK FILE NAME 00501001WD

DRAWN	RDW 05/09/05
CHK	
APPR	KJH 05/09/05
SCALE	1:1
REF	
FMF	
PAGE	OF

SIZE	DRAWING NO	REV
A	005010-01WD	04

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 : 132194.20

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

Catalog No : 132194.20

Rework No : N/A

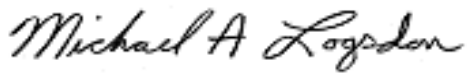
Directives :

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