

PRODUCT INFORMATION PACKET



Model No: 113926.00
Catalog No: 113926.00
3 HP General Purpose Motor, 3 phase, 3600 RPM, 230/460 V, 56HZ Frame, ODP
General Purpose Motors



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





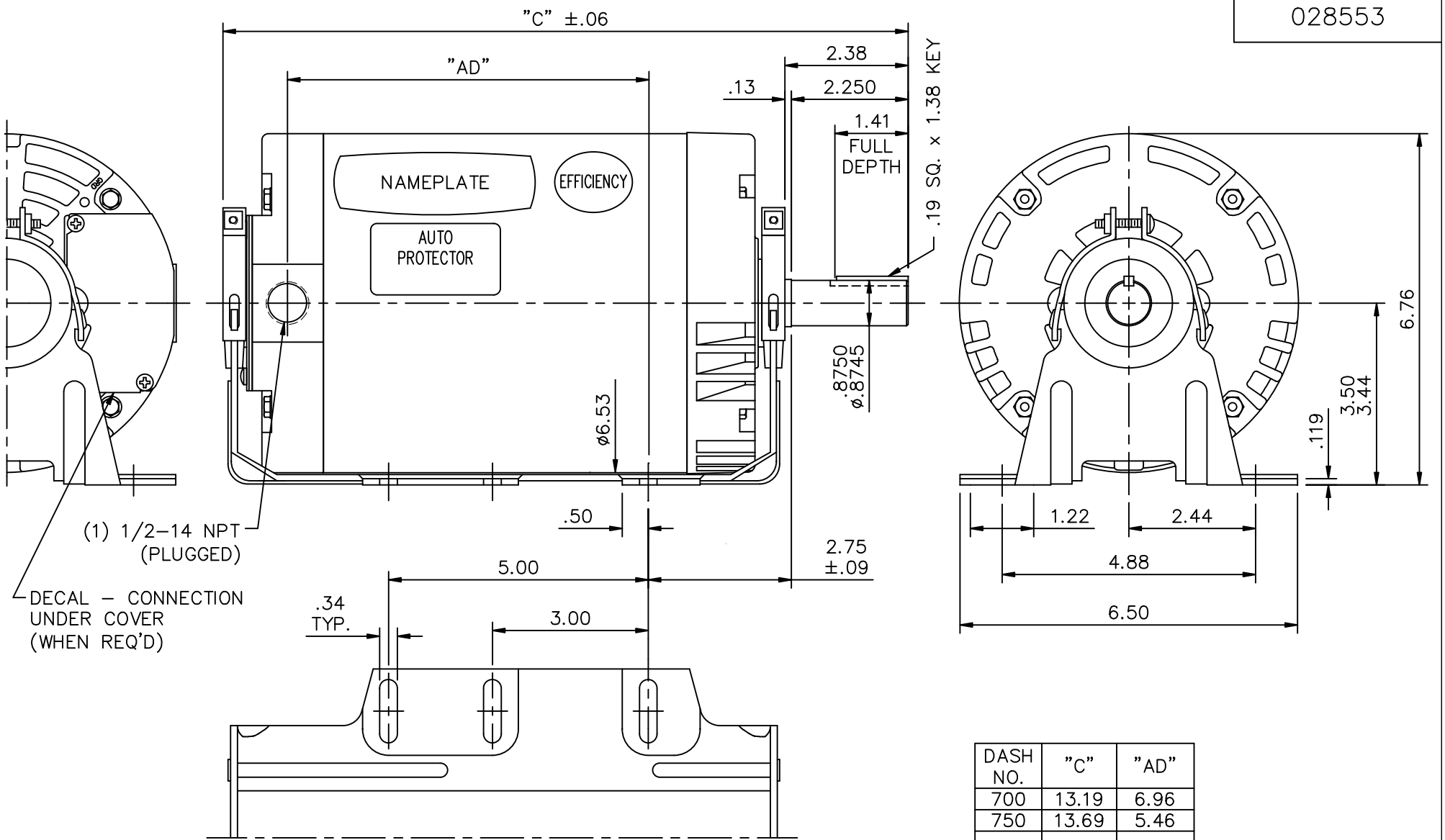
Nameplate Specifications


Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	7.6/3.8 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	84 %	Power Factor	86
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	J
Frame	56H	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

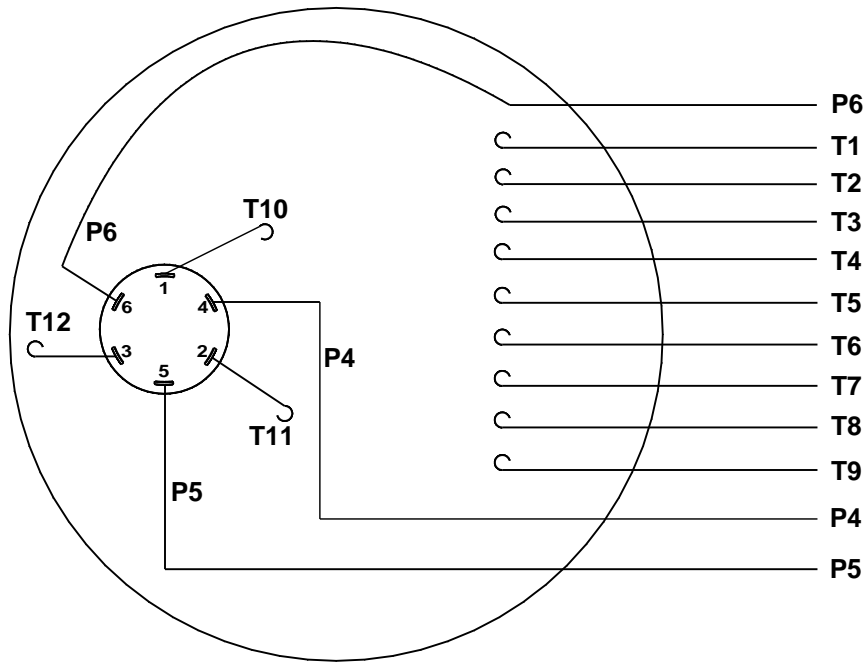
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	6.2 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 145T	Overall Length	13.19 in
Frame Length	7.00 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028553-700	Connection Drawing	005020.01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/07/2021

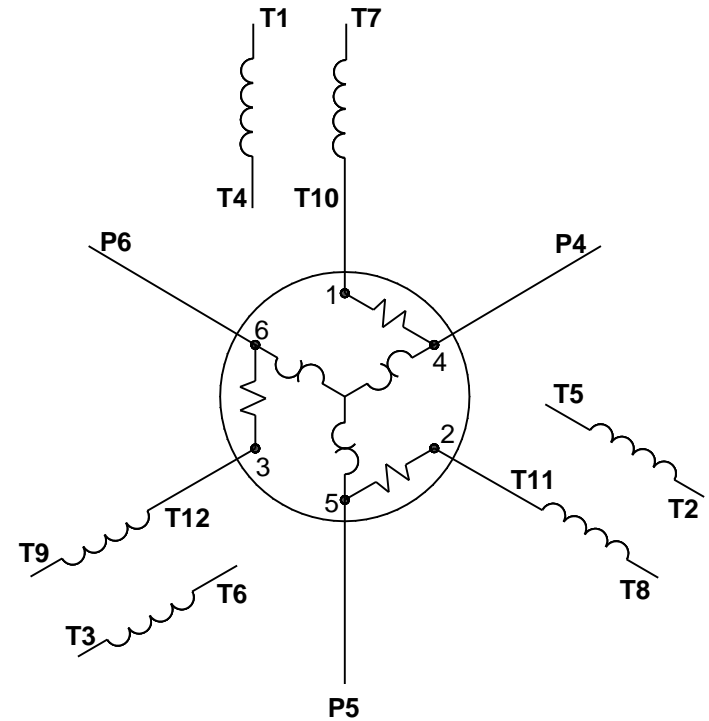


				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN BJB 06/18/03	
				DEC.	INCHES			CHK	
				.X	±.1			APPD	
				.XX	±.03			SCALE 3=8	
				.XXX	±.005			REF	
01	CHANGE BASE PER ISAAC 10-5018	LST 11/23/10		.XXXX	±.0005	MAT'L.	GENERAL PURPOSE	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		PREV	
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	028553	SIZE	DRAWING NO.
				DIST	BRF-NLV			A	028553
									REV. 01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4, T7) (T5, T8) (T6, T9)	(P4), (P5), (P6)
LOW	T1, T7	T2, T8	T3, T9	(T4, P4) (T5, P5) (T6, P6)	

DRAWING REVISION D REVISION BY SM DATE 9/26/2016

ECO ECO-0109970 APPROVED BY SM DATE 9/26/2016

ECO DESCRIPTION UPDATED TO NEW TEMPLATE

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.

TOLERANCES UNLESS OTHERWISE SPECIFIED:
 DEC. INCH mm ANGLE
 .X ±0.1 [±2.5] ±0.5°
 .XX ±0.01 [±0.25]
 .XXX ±0.005 [±0.127]
 .XXXX ±0.0005 [±0.0127]
 REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
 CORNER FILLETS: R.02 [.51]
 MACHINED SURFACES: 125/ INCH 3.2/ mm
 mm SHOWN IN [BRACKETS]

DRAWN BY ADH 02/25/74

DATE

APPROVED BY JCW 03/11/74

DATE

REFERENCE

THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
 TYPE "T" W/PROTECTOR

MATERIAL DECAL - 004023 PROCESS/FINISH ECO LAB

SIZE A DRAWING NUMBER 00502001 SHEET 1 OF 1

Data Sheet

Date: 1/30/2018

113926.00



Data @ 460 V

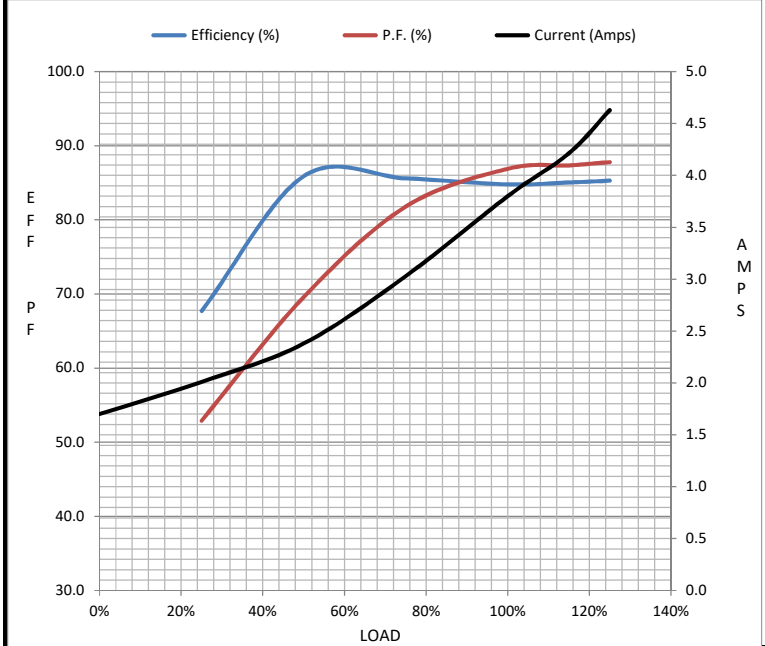
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	2.01	2.38	3.0	3.8	4.2	4.6	30.0
Torque (ft-lb)	0.00	1.13	2.25	3.4	4.5	5.1	5.6	13.0
RPM	3600	3569	3547	3519	3486	3472	3452	0
Efficiency (%)		67.7	85.9	85.6	84.8	85.1	85.3	
P.F. (%)	11.8	52.9	69.6	81.8	86.9	87.4	87.8	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	400	2300	3486	3600
Current (Amps)	30.0	27.6	18.0	3.8	1.70
Torque (ft-lb)	13.0	12.7	15.2	4.5	0.00

Information Block				
HP	3.0			
Sync. RPM	3600			
Frame	140			
Enclosure	DP			
Construction	NA			
Voltage	230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.0			
Temp Rise @ FL	82 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.07 Lb-Ft ²			
Ref Wdg	T632164 DR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	028553-700			
Conn. Diag	005020.01			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

