

# PRODUCT INFORMATION PACKET



Model No: U6T34DR33C

Catalog No: 113926.00

3HP..3450RPM.56HZ.DP.230/460V.3PH.60HZ.CONT.AUTOMATIC.40C.1.0SF.RESIL.

Open Drip Proof (ODP)



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### Nameplate Specifications

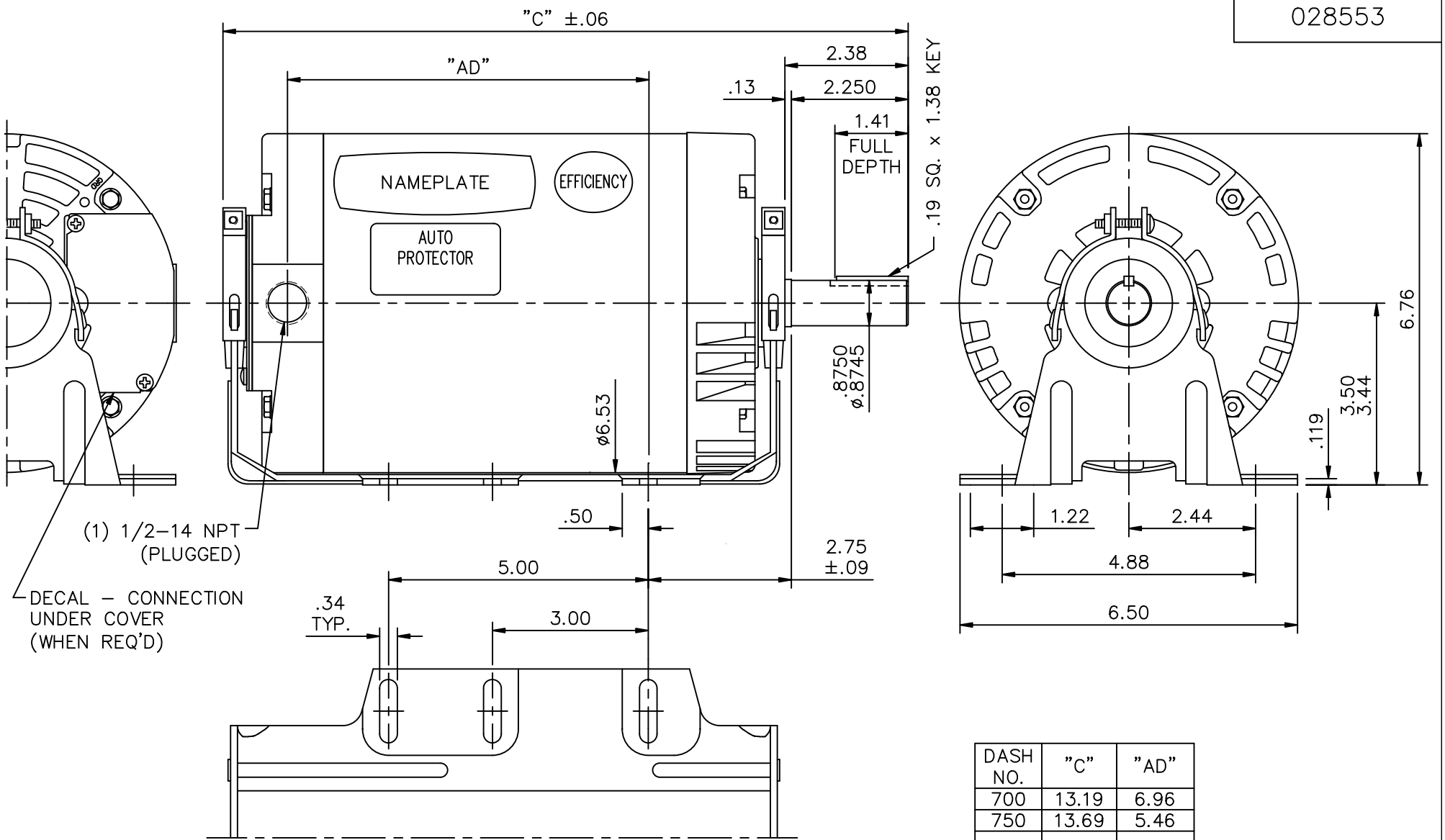
Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>7.6/3.8 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>84 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>56HZ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

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Mounting	<b>Resilient 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>Single Special Extension</b>
Overall Length	<b>13.19 in</b>	Frame Length	<b>7.00 in</b>
Shaft Diameter	<b>0.875 in</b>	Shaft Extension	<b>2.25 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>028553-700</b>	Connection Diagram	<b>005020.01</b>

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028553



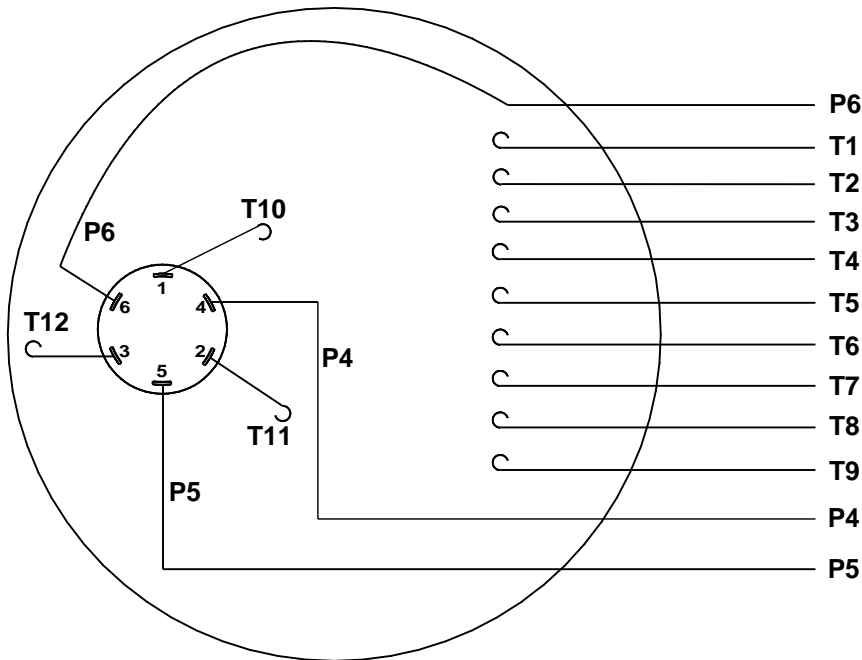
DASH NO.	"C"	"AD"
700	13.19	6.96
750	13.69	5.46

				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN BJB 06/18/03		
				DEC.	INCHES	REGAL-BELOIT CORPORATION		CHK		
				.X	±.1	REGAL-BELOIT CORPORATION		APPD		
				.XX	±.03	REGAL-BELOIT CORPORATION		SCALE 3=8		
				.XXX	±.005	REGAL-BELOIT CORPORATION		REF		
				.XXXX	±.0005	REGAL-BELOIT CORPORATION		FMF		
01	CHANGE BASE PER ISAAC 10-5018	LST	11/23/10	CHK	ANG	±1/2°	REGAL-BELOIT CORPORATION		PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	REGAL-BELOIT CORPORATION		REV.		
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.	028553	01
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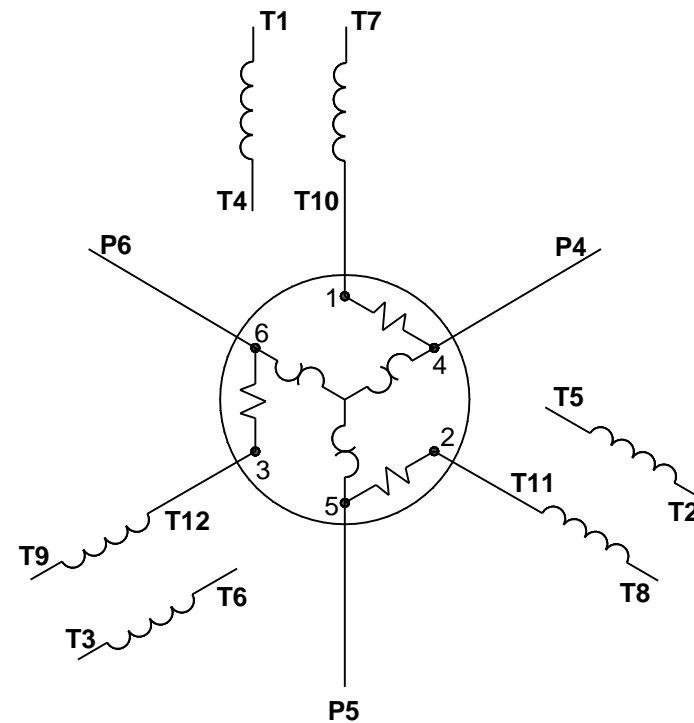
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Dealers Industrial Equipment -- Visit <https://DealersElectric.com> or call (908) 688-1966 for all of your electric motor & VFD needs!

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

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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: 125/3.2 INCH/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

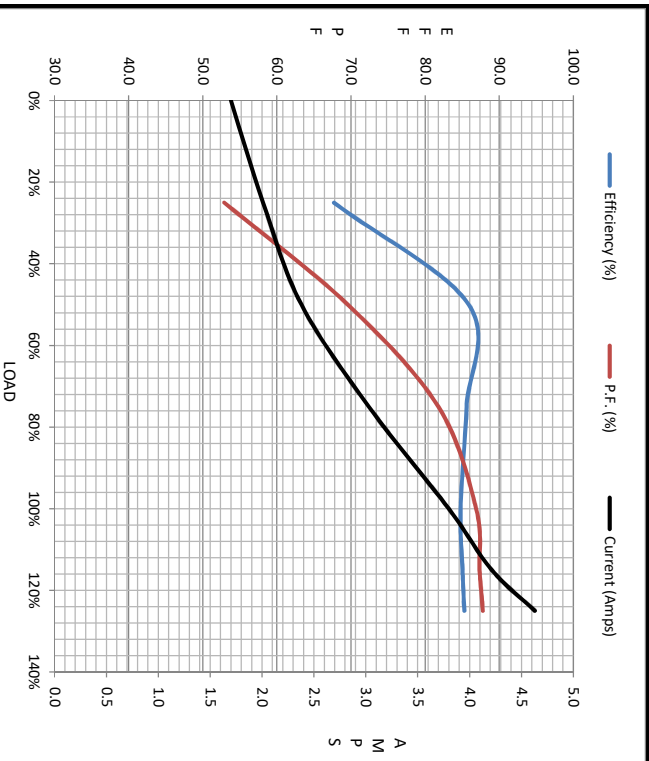
MATERIAL DECAL - 004023 PROCESS/FINISH ECO LAB

SIZE A DRAWING NUMBER 00502001 SHEET 1 OF 1



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					Information Block					
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction
Speed (RPM)	0	400	2300	3486	3600	3.0	3600	140	DP	NA
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					
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 <sup>2</sup>	0.07	LB-Ft <sup>2</sup>
Rel Wdg						T632164 DR		Sound Pressure @ 1M	999	dB(A)
VFD Rating						NONE		Outline Dwg	028353-700	
Conn. Diag						005020.01		Additional Specifications:		
EQUIV CKT (OHMS / PHASE)										
R1	R2	X1	X2	Xm						
0.0000	0.0000	0.0000	0.0000	0.0000						



Parameter	Value
Efficiency (%)	~88% @ 100% Load
P.F. (%)	~85% @ 100% Load
Current (Amps)	~3.8A @ 100% Load

