

PRODUCT INFORMATION PACKET

Model No: 145TTDR16403
Catalog No: C102B
2,3600,DP,145TC,3/60/50/230/460#190/380
Open Drip Proof (ODP)



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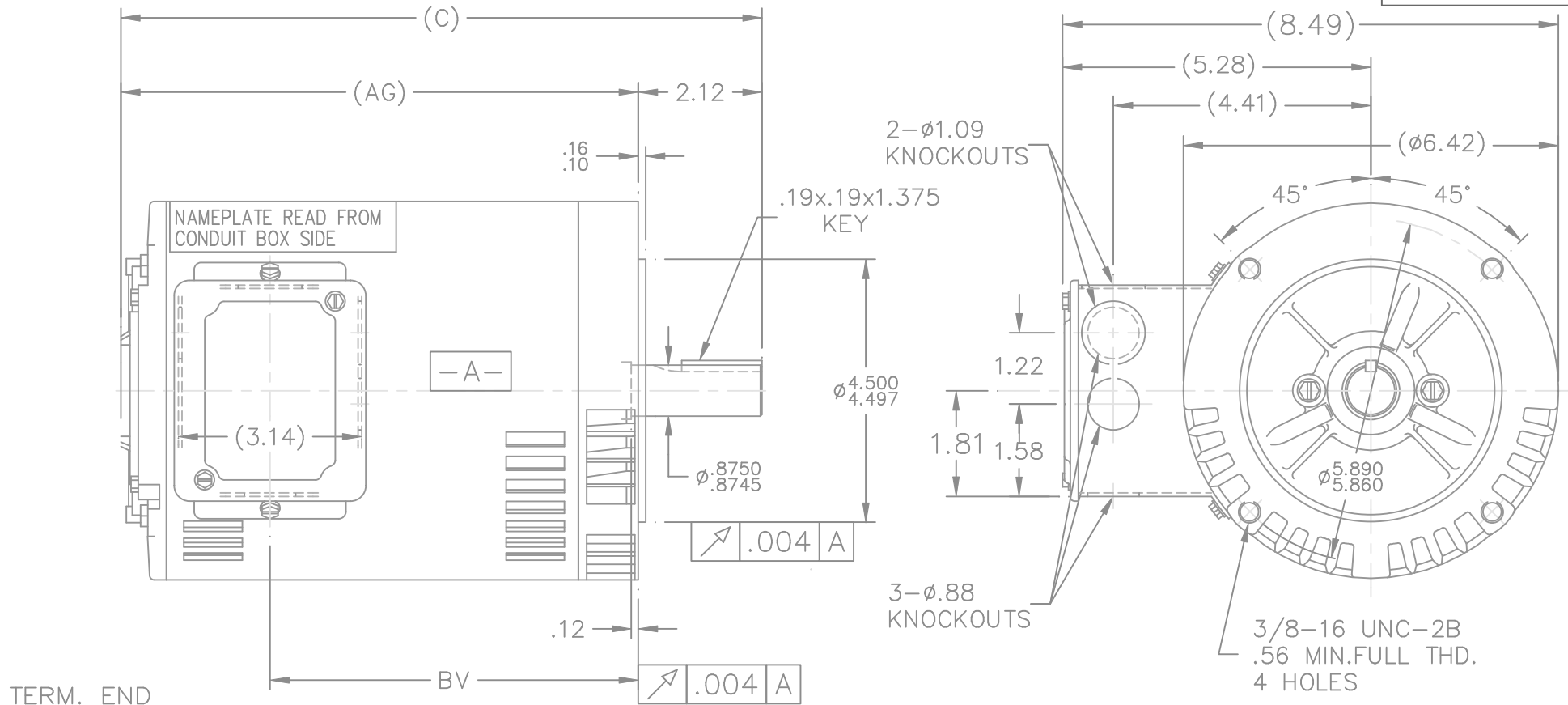
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.6/2.8 A	Speed	3510 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	L	Frame	145TC
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	7.06 in	Shaft Diameter	0.875 in
Shaft Extension	2.12 in	Assembly/Box Mounting	F1 Only
Outline Drawing	100097-706	Connection Diagram	EE7308

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TERM. END

DASH	FR.	C	AG	BV	DASH	FR.	C	AG	BV
					806	140TC	11.99	9.87	7.31
656	140TC	10.49	8.37	5.81	856	140TC	12.49	10.37	7.81
706	140TC	10.99	8.87	6.31	906	140TC	12.99	10.87	8.31
756	140TC	11.49	9.37	6.81	956	140TC	13.49	11.37	8.81

NOTES:
1. CONDUIT BOX CAN BE ROTATED 180°

				TOLERANCES UNLESS SPECIFIED		DRAWN SMC 04-24-1991	
				DEC.	INCHES		CHK ML 04-24-1991
7	FRAME WAS 140TCZ	CN 31509	TJB	03-30-2001	.X	$\pm .1$	APPD GK 04-24-1991
6	ADDED SHAFT KEY NOTE: .19X.19X1.375	CN29200-1254	MSG	01-06-2001	.XX	$\pm .03$	SCALE 3=8
5	REVISED 'C' DIMENSION	CN 29200-1189	MSG	12-11-2000	.XXX	$\pm .005$	REF
4	REDRAWN ON CADD		SMC	04-24-1991	.XXXX	$\pm .0005$	FMF
NO.	REVISION		BY & DATE		CHK	ANG	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		
					DIST	WP	
					CAD FILE 100097		SIZE A
					DRAWING NO. 100097		PAGE OF 7
							REV. 7

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

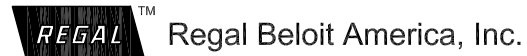
REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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							DIST WP					



Data Sheet

Date: 19-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



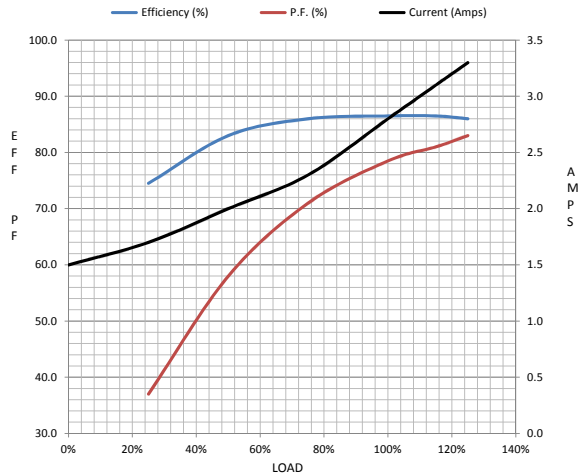
145TTDR16403

Submittal

Data @ 460 V

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.50	1.70	2.00	2.30	2.80	3.1	3.3	24.2	
Torque (ft-lb)	0.00	0.71	1.50	2.20	3.0	3.5	3.8	9.0	
RPM	3600	3580	3560	3540	3510	3,500	3495	0	
Efficiency (%)		74.5	83.0	86.0	86.5	86.5	86.0		
P.F. (%)	10.0	37.0	58.0	71.0	78.5	81.0	83.0	64.5	

Motor Speed Data						Information Block	
	LR	Pull-Up	BD	Rated	Idle		
Speed (RPM)	0	1500	2570	3510	3600	HP	2.0
Current (Amps)	24.2	21.8	16.2	2.80	1.50	Sync. RPM	3600
Torque (ft-lb)	9.0	11.0	12.8	3.0	0.00	Frame	145
						Enclosure	DP
						Construction	TDR
						Voltage	30/460#190/38V
						Frequency	60 Hz
						Design	B
						LR Code letter	L
						Service Factor	1.15
						Temp Rise @ FL	38 ° C
						Duty	CONT
						Ambient	40 ° C
						Elevation	1,000 feet
						Rotor/Shaft wk²	0.03 Lb-Ft²
						Ref Wdg	ZT224 DR
						Sound Pressure @ 1M	68 dBA
						VFD Rating	NONE
						Outline Dwg	B-LO6367B-706
						Conn. Diag	EE7308



Additional Specifications:	
0	
365THFS8036	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	
0.0000	

