

PRODUCT INFORMATION PACKET

Model No: 145TTDR16056
Catalog No: U422A
2,1800,DP,145T,3/60/200-208
Open Drip Proof (ODP)



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Nameplate Specifications

Output HP	2 Hp	Output KW	1.49 kW
Frequency	60 Hz	Voltage	200-208 V
Current	6.6-6.6 A	Speed	1750 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	N	Frame	145T
Enclosure	DP	Overload Protector	AUTOMATIC
Ambient Temperature	40 °C	Drive End Bearing Size	205
Opp Drive End Bearing Size	203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

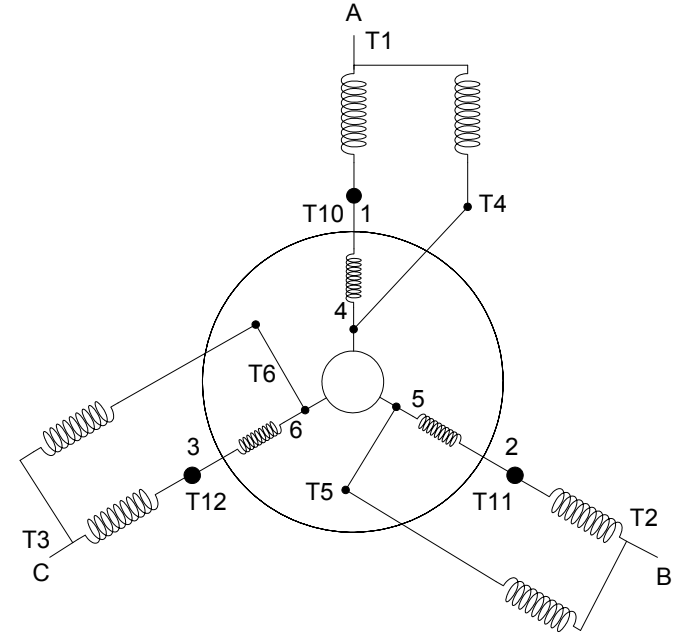
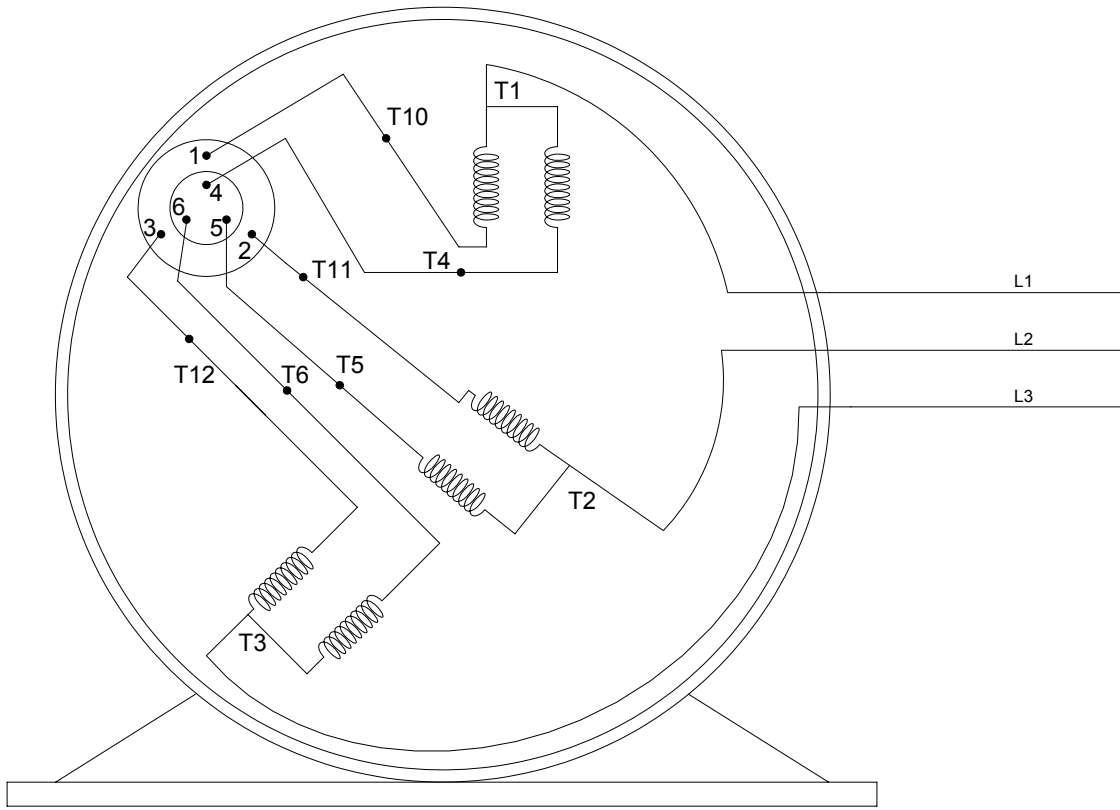
Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	T
Overall Length	14.49 in	Shaft Diameter	0.88 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	OL56100023-001	Connection Diagram	CDTS115

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SINGLE VOLTAGE - THREE PHASE WITH OVERLOAD PROTECTOR

CCW

001



VIEW OF TERMINAL END

NOTE:

1. TO REVERSE ROTATION, INTERCHANGE ANY TWO LINE CONNECTIONS TO L1, L2, OR L3.
2. ENGINEERING REFERENCE LD & TERM HOUSING ASSEMBLY 52A111518.
3. CONNECTION DIAGRAM-NAMEPLATE: DD10040.

DRAWING REVISION A	REVISION BY G. RODRIGUEZ	DATE 05-27-2016
ECO	APPROVED BY R. VALENZUELA	DATE 05-27-2016
ECO DESCRIPTION		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DEC.	INCH	mm
.X	±0.1	[±2.5]
.XX	±0.01	[±0.25]
.XXX	±0.005	[±0.127]
.XXXX	±0.0005	[±0.0127]
REMOVE BURRS & BREAK SHARP		
EDGES: .003/.015 [.076/.381]		
CORNER FILLETS: .02 [.51]		
MACHINED SURFACES: 125/3.2		
mm SHOWN IN [BRACKETS]		

DRAWN BY G. RODRIGUEZ
DATE 05-27-2016
APPROVED BY R. VALENZUELA
DATE 05-27-2016
REFERENCE SKT52A105383CA
THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER CDTS115
SHEET 1 OF 1	

Data Sheet

Date: 16-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



145TTDR16056

Submittal

Data @ 208 V

Motor Load Data

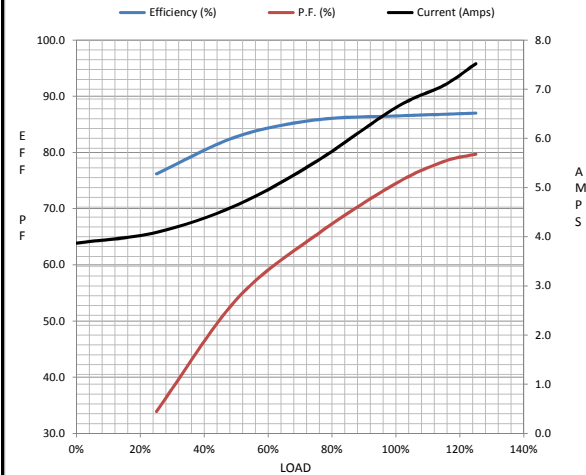
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.9	4.1	4.6	5.5	6.6	7.1	7.5	62.8
Torque (ft-lb)	0.00	1.50	2.95	4.5	6.0	7.0	7.6	24.1
RPM	1800	1789	1778	1765	1750	1,745	1740	0
Efficiency (%)		76.2	82.8	85.8	86.5	86.8	87.0	
P.F. (%)	7.9	33.9	53.8	65.3	74.5	78.4	79.7	71.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	125	1220	1750	1800
Current (Amps)	62.8	56.4	38.9	6.6	3.9
Torque (ft-lb)	24.1	22.0	30.7	6.0	0.00

Information Block

HP	2.0			
Sync. RPM	1800			
Frame	56			
Enclosure	DP			
Construction	TDR			
Voltage	200-208 V			
Frequency	60 Hz			
Design	A			
LR Code letter	N			
Service Factor	1.15			
Temp Rise @ FL	38 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.09 Lb-FT ²			
Ref Wdg	ZT4260 NONE			
Sound Pressure @ 1M	56 dBA			
VFD Rating	NONE			
Outline Dwg	OL56100023-001			
Conn. Diag	CDTS115			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.8420	0.6680	1.2770	1.1610	33.3890



Speed -Torque Curve

