

PRODUCT INFORMATION PACKET



Model No: 056T34F15601

Catalog No: 056T34F15601

Jet Pump Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 56HJ Frame, TEFC



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Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 190/380 V
Speed	3450 & 2850 rpm	Service Factor	1.15 & 1.15
Frame	56HJ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.6/3.8 & 6.4/3.2 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
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	2	Rotation	Reversible
Resistance Main	4.04 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	J	Overall Length	14.82 in
Frame Length	9.06 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	EE7308	Outline Drawing	A-108224-906

LEESON ELECTRIC CORPORATION

ENGINEERING REQUEST FORM

REC'D 9/29/89 PW
CREDIT APPROVED
DATE 9-28-89

0 5 1 8 8 7

TERRITORY / SALESMAN 1905

CHECK APPROPRIATE BOX
 PROTOTYPE PRODUCTION ORDER
 R.F.Q. REQUIRING ENG'R.

CUSTOMER ACCT. NO.

Solar Jack

3297

LEESON REF. NUMBER

CUSTOMER NAME

108224-00

CUSTOMER P.O. NO.

239.28

CUSTOMER PART NUMBER/DRAWING NO.

CAT./MODEL NO.
C4D17FK18A

NET PRICE
201567.00

DISCOUNT CODE

CUST. TYPE

BILL & SHIP TO IF OTHER THAN SHOWN ON COMPUTER

325 EAST MAIN
SAFFORD, AZ. 85546

SHIP VIA: 1. BEST WAY 3. AIR FREIGHT 5. OTHER
 AWAY TOWARD FT./MIN. 4. U.P.S.
 CARRIER A/W

FREIGHT: 1. F/A 1,000 LBS. 4. PREPAID & BILL CUST. 7. C.O.D.
 PREPAID 5. F/A 500 LBS. 8. CUST. PICKUP
 COLLECT 6. F/A 10,000 LBS. 9. F/A 5,000 LBS.

PACKAGING:
 INDIVIDUAL CARTON
 EGG CRATE
 OTHER

BOX MARK: 1. P.O. NO. 4. "ATTN."
 2. P.O. NO. & PART NO. 5. P.O. NO. & ATTN.
 3. CUSTOMER PART NO. 6. SPECIAL INSTRUCTIONS

APPLICATION REF. CATALOG PR890116 / 8942F7

EXCEPTIONS SAME AS 108217.00 EXCEPT 1HP.

TYPE: <input type="checkbox"/> SPLIT <input type="checkbox"/> CAP START <input type="checkbox"/> CAP START CAP RUN <input type="checkbox"/> PSC <input type="checkbox"/> THREE PHASE <input checked="" type="checkbox"/> DC <input type="checkbox"/> SERVO <input type="checkbox"/> OTHER	FAN APPLICATIONS: AIR DIRECTION VIEWING LEAD END <input type="checkbox"/> AWAY <input type="checkbox"/> TOWARD <input type="checkbox"/> FT./MIN. <input type="checkbox"/> BELT DRIVEN <input type="checkbox"/> FAN ON SHAFT	MOUNTING: <input type="checkbox"/> VERTICAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> ALL POSITIONS <input type="checkbox"/> SPC'L SHAFT: <input type="checkbox"/> UP <input type="checkbox"/> DOWN									
HP: <u>1</u>	FRAME SIZE: <u>Z556C</u> MAX. LENGTH: <u>Z556C</u>	CAPACITOR: LOCATION _____ MOUNTED BY: <input type="checkbox"/> LEESON <input type="checkbox"/> CUST.									
RPM: <u>1800</u>	ENCLOSURE: <input checked="" type="checkbox"/> TEFC <input type="checkbox"/> TENV <input type="checkbox"/> X-PROOF <input type="checkbox"/> OPEN <input type="checkbox"/> DRIP PROOF <input type="checkbox"/> SPL. <input type="checkbox"/> WASHGUARD <input type="checkbox"/> MARINE <input type="checkbox"/> CHEMICAL DUTY	GASKETS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO LOCATION: _____									
VOLTS: <u>90V. DC</u>	SHAFT EXT.: <input type="checkbox"/> NEMA <input type="checkbox"/> SPECIAL IF SPC'L SKETCH ON REVERSE SIDE	THERMOCOUPLE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO TYPE: _____									
PHASE: <u>DC</u>	SHAFT MAT'L: <input type="checkbox"/> STD. <input type="checkbox"/> 416 S.S. <input type="checkbox"/> 303 S.S. <input type="checkbox"/> STRESS PROOF <input type="checkbox"/> OTHER DESCRIBE ON REVERSE SIDE	<input checked="" type="checkbox"/> OUTLINE DWG. REQ'D. <input type="checkbox"/> CERTIFIED									
HERTZ: <u>DC</u>	BEARINGS: <input checked="" type="checkbox"/> SHIELDED <input checked="" type="checkbox"/> BALL <input type="checkbox"/> LOCKED <input type="checkbox"/> SEALED <input type="checkbox"/> SPCL.	<input type="checkbox"/> PERFORMANCE DATA REQ'D.									
AMB.: <u>40°C</u> SERVICE FACTOR: <u>1.0</u>	GREASE: <input checked="" type="checkbox"/> STD. <input type="checkbox"/> HIGH TEMP. <input type="checkbox"/> LO TEMP	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">SHIPMENT REQUESTED</th> </tr> <tr> <th>QTY</th> <th>REQ'T. DATE</th> <th>PROD. DATE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><u>25</u></td> <td style="text-align: center;"><u>11/15</u></td> <td></td> </tr> </tbody> </table>	SHIPMENT REQUESTED			QTY	REQ'T. DATE	PROD. DATE	<u>25</u>	<u>11/15</u>	
SHIPMENT REQUESTED											
QTY	REQ'T. DATE	PROD. DATE									
<u>25</u>	<u>11/15</u>										
OVERLOAD: <input type="checkbox"/> THERMOSTAT <input type="checkbox"/> AUTO PROT. <input type="checkbox"/> MANUAL PROT. <input checked="" type="checkbox"/> NONE	BASE: <u>BOLT-ON</u> <input checked="" type="checkbox"/> RIGID <input type="checkbox"/> RESILIENT <input type="checkbox"/> NONE	<h2 style="margin: 0;">ORDER TRACKING SYSTEM</h2>									
THERMO: <input type="checkbox"/> N/O <input type="checkbox"/> N/C	BASE LOCATION: <input checked="" type="checkbox"/> STD. <input type="checkbox"/> SPCL.										
OVERLOAD LOCATION: <input type="checkbox"/> NOT CRITICAL <input type="checkbox"/> PER SPEC.	TYPE MOUNTING: <input checked="" type="checkbox"/> C-FACE <input type="checkbox"/> D-FLANGE <input type="checkbox"/> SPL.	MPS DATE: _____									
MOTOR ROTATION VIEWING LEAD END: <input checked="" type="checkbox"/> RECON <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/> INST REV.	LEAD HOLE LOC. & SIZE: <input checked="" type="checkbox"/> STD. <input type="checkbox"/> SPL. <input type="checkbox"/> THREADED	DROP DEAD DATE: _____									
ASSEMBLY VOLTAGE: <u>90V.</u>	CONDUIT BOX: <u>F-1</u> <input type="checkbox"/> BUILT IN <input checked="" type="checkbox"/> SIDE <input type="checkbox"/> STEEL <input type="checkbox"/> CAST IRON <input type="checkbox"/> ALUM.	M & T No.: _____ DATE: _____									
DUTY CYCLE: <u>CONT</u>	LEADS: LENGTH _____ MAT'L _____ <input type="checkbox"/> STD. NUMBERED <input checked="" type="checkbox"/> COLORED STRIP _____ TERM _____ GA _____										
ENVIRONMENT CONDITIONS: <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> DUSTY <input type="checkbox"/> MOIST	TERMINAL BOARD: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> STUDS <input type="checkbox"/> QUICK CONNECT										
MIN. REQ'D BDT/LRT: _____	BRAKE: _____ TORQ. _____ VOLTS _____ BRAKE LEADS: <input type="checkbox"/> EXT. <input type="checkbox"/> INT.	PROJECTED ANNUAL VOLUME LEESON/TOTAL <u>150/42</u>									
MIN. REQ'D RUN TORQ.: <u>30 LB.-IN.</u>	<input type="checkbox"/> HEATER: WATTS _____ VOLTS _____	INITIAL ORDER _____									
NAMEPLATE LOCATION: <u>STD. F-1</u>	PAINT: <input checked="" type="checkbox"/> STD. <input type="checkbox"/> SPL. <u>305000-01</u>	RELEASES OF <u>25</u>									
TYPE: <input checked="" type="checkbox"/> STD. <input type="checkbox"/> SPL. <u>80209</u>		1ST YEAR _____									

UL & CSA RECOGNITION REQUIRED YES NO (IF YES, COMPLETE BELOW)

LOCKED ROTOR PROTECTION ONLY
 RUNNING & LR. PROTECTION
 PRIMARY SINGLE PHASING (30)
 COMPONENT RECOGNITION

UL LISTED HAZARDOUS LOCATION
 CLASS I GROUP C
 CLASS I GROUP D CLASS II GROUP F, G
 CSA REQUIRED
 CLASS I GROUP D

APPLICATION TO BE U.L. LISTED UNDER STD. NO. _____

OTHER AGENCY _____

GOVERNMENT ORDER SPECIFICATION _____

HOW MANY MOTORS P/MACHINE 1

WRITTEN BY Hedatus

DATE 9/28/89

DATA NO	108224.00	CUSTOMER	SOLARJACK	MODEL	C4D17FK18A * 1
Rework #		NONSTOCK			
R.P.M.	1750	H.P.	1	Volts	90
Hertz	DC	Frame	ZS56C	F.L.Amps	10
Phase	DC	Type	DF	S.F.Amps	
Duty	CONT.	Insul.Class	F2	Ser.Fact.	1.0
Code		---	NOT	Therm.Prot	40
Design		Mounting	RIGID "C"	Enclosure	CCWLE
Paint	305000.01	Assembly		TEFC	
Winding	D552290-1	ShaftDia.	5/8	Outline	307006.37
EFF 100%	75%	PF	IN	Weight	080209
				Cust.Part#	U.L. STAMP CSA

P.F.	1.38	TORQUE	36.0	LBS. IN.	
DEPARTMENT		SPECIAL FEATURES			

- 1) NAMEPLATE READABLE FROM F-1 POSITION ON MOTOR
- 2) INDIVIDUAL CARTON (307006-37)
- 3) BOLTED ON BASE
- 4) NOTE: ROUTE RED LEAD ONLY THRU SLOT IN BRUSH PLATE
- 5) CAUTION: PROVIDE CENTER IN SHAFT PER DRAWING
- 6) PLACE BRUSH COVER GASKET BETWEEN BRUSH COVER INSULATOR AND BRUSH COVER
- 7) PLUG DRAIN HOLE IN ENDBELL WITH #8-32 X .38 LG. SCREW
- 8) MOUNT "C" FACE SO THAT DRAIN HOLE IS LOCATED AT 7 O'CLOCK S.E.
- 9) SHIM LEAD END - WAVY SHAFT END
- 10) MAGNETIZE MOTOR PER WORK INSTRUCTION

ISSUE	REVISION	BY	DATE	CHECK/DATE	CHANGE NOTICE
A01	REF. 8942F7	TJF	10/02/89		0/00/00
A02	ADDED MAGNET ADHESIVE. GP200 WAS HNYT. REVISED BASE SCREWS & BRUSH COVER SCREWS	BB	3/20/90	TJF	3/23/90
B01	WINDING WAS W-D5524-1, DELETED LAED CLAMP, REVISED SPECIAL FEATURE #4, FRAME/MAGNET ASSEM. WAS 105807.02 EFF. 10/15/90	TJF	9/14/90		0/00/00
B02	PACKAGING WAS 307006.23	BJB	1/28/91	TJF	1/28/91
B03	BRUSH PLATE ASSY WAS 006237.06, REVISED TO RIVETED BRUSH PLATE ASSY. EFF. 10/22/92	BJB	9/18/92		0/00/00
B04	INSULATION CLASS WAS F1; ADDED TEST CARD SUFFIX	SLI	12/02/93		0/00/00
B05	RESTRUCTURED MACHINING & ASSY DRAWINGS; ADDED SPL FEAT #10	PWW	1/24/94		0/00/00
B06	DIM. FOR CNC MACH.; REMOVED CNC MACH. HOLES FROM FRAME DWG. - EFF. 4/16/94	MG	4/14/94		0/00/00
B07	#10-32 X .38 DRAIN HOLE SCREW WAS #8-32 X .38 - EFF. IMMED.	MMG	5/17/94		0/00/00
B08	REVISED STRUCTURE OF 006392.36 TO ADD OUTSIDE PROCESS	RJB	9/14/94		0/00/00
B09	950027.27 AND REMOVE: 006387.01, 886307.58, 887433.58, 009000.02, 009014.02, 900010.01 - EFF. IMMED. BRUSH CLIP (900011.01) REMOVED FROM BRUSH PLATE ASSY AND	MMG	9/19/94		0/00/00

MASTER BILL OF MATERIAL

DATA NO	108224.00	CUSTOMER	SOLARJACK	MODEL	C4D17FK18A * 1
Rework #	1750	H.P.	1	Volts	90
R.P.M.	DC	Frame	ZS56C	F.L.Amps	10
Phase	DC	Type	DF	S.F.Amps	
Duty	CONT.	Insul.Class	F2	Max.Amb.	40
Code		---	NOT	Rotation	CCWLE
Design	305000.01	Mounting	RIGID "C"	Ext.Diag	
Paint	D552290-1	Assembly	5/8	Packaging	307006.37
Winding		ShaftDia.	IN	Nameplate	080209
EFF 100%	75%	PF		U.L.	STAMP CSA

F.F.	1.38	TORQUE	36.0	LBS. IN.	
DEPARTMENT		SPECIAL FEATURES			

REVISION

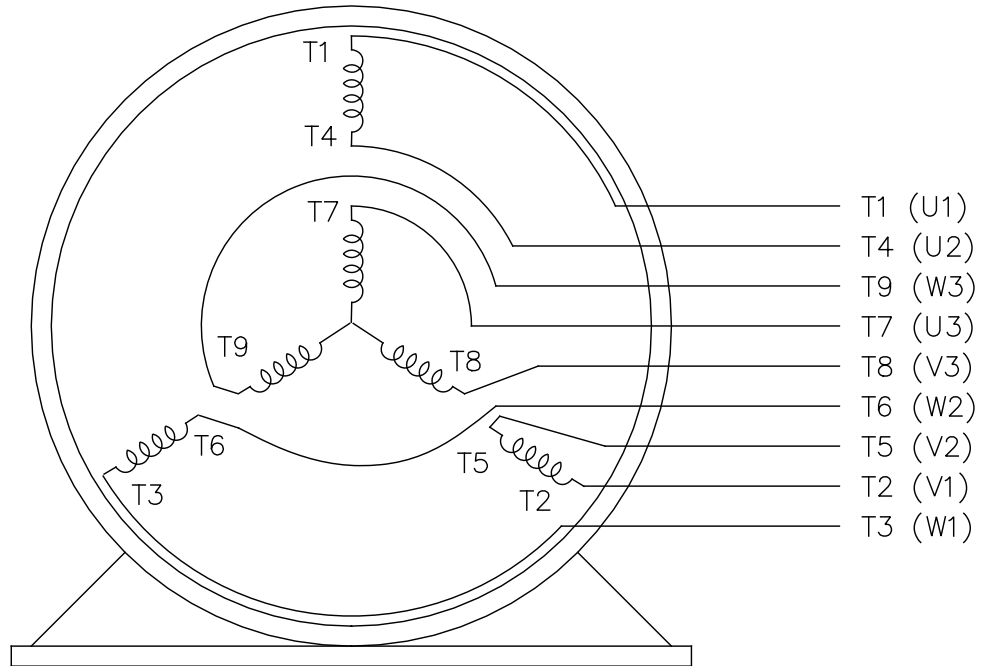
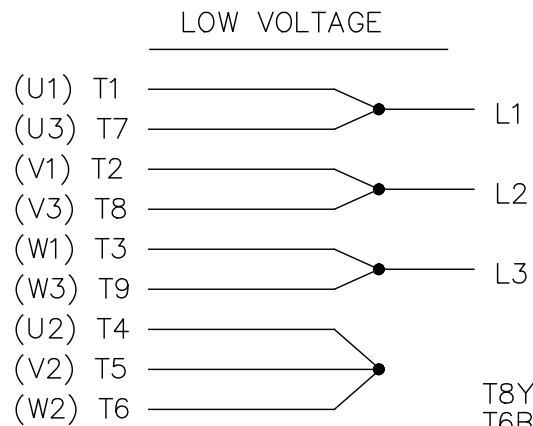
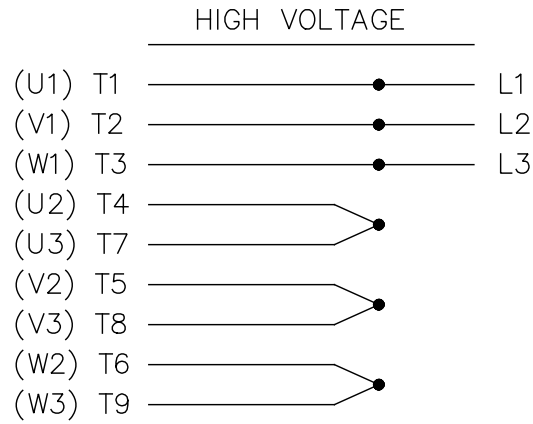
ISSUE	DESCRIPTION	BY	DATE	CHECK/DATE	CHANGE NOTICE
B09	ADDED AS A LEVEL ONE ITEM PER BCR 11375 - EFF. IMMED.	MMG	9/19/94	0/00/00	
B10	REMOVED FINAL ARM ASSY, BEARINGS WERE 002004.03 - EFF. 4/15/95	JMS	4/13/95	0/00/00	

Level	Bub Item	From Class	To 99	From Item	108224.00	To 108224.00	Type Class	Qty Rqd	Cum Qty	U/M Lead	Effect	Discont	Draw/Rev
Parent	108224.00			C4D17FK18A * 1			F 8N		EA	1			10
1	5 030665.00			OUTLINE			0 GZ	1.00000	1.00000	EA	1	10/02/89	99/99/99
1	10 015807.03			FRAME/MAGNET ASSEMBLY			2 R1	1.00000	1.00000	EA	2	10/15/90	99/99/99
1	11 010068.08			FRAME 48 9.500			4 HH	1.00000	1.00000	PC	3	4/03/90	99/99/99
2	12 003305.02			BASE/BOLT-ON/PUDDL			4 EI	1.00000	1.00000	PC	27	4/03/90	99/99/99
2	460 009006.06			SLW 5/16 ZP			4 HA	2.00000	2.00000	PC	27	4/03/90	99/99/99
2	460 009012.04			FLAT WASHER 5/16 ZP			4 HA	2.00000	2.00000	PC	27	4/03/90	99/99/99
2	460 009027.11			MS 5/16-18 X .50 H ZP			4 HA	2.00000	2.00000	EA	27	4/03/90	99/99/99
2	470 305071.01			3M2214 ADHESIVE			4 CU	.02088	.02088	TU	22	11/21/91	99/99/99
2	470 305104.02			LOCITE 18862 ACTIVATOR			4 JH	.00085	.00085	QT	42	4/03/90	99/99/99
2	900 900001.04			MAGNET 2.25 M7			4 KB	2.00000	2.00000	PC	62	4/03/90	99/99/99
2	900 900001.01			MAGNET 1.50 M7			4 KB	4.00000	4.00000	PC	62	2/04/94	99/99/99
2	900 900005.08			INNER SHELL 6.75			4 KD	1.00000	1.00000	PC	32	2/04/94	99/99/99
1	50 062275.12			ARM/SHAFT ASSEMBLY			2 R3	1.00000	1.00000	EA	3	4/15/95	99/99/99
2	15 202012.01			D.C.WDG D552290-1			0 GZ	1.00000	1.00000	EA	5	9/14/90	99/99/99
2	50 050321.08			SHAFT			1 Z2	1.00000	1.00000	EA	5	9/14/90	99/99/99
2	999 000608.01			BAR .818/.822 RD 1144 STRSREL.			3 BA	2.49000	2.49000	LB	35	10/02/89	99/99/99
2	470 305060.01			EPO COMP A			4 CU	.02000	.02000	LB	8	4/15/95	99/99/99
2	470 305060.02			EPO COMP B			4 CU	.01000	.01000	LB	8	4/15/95	99/99/99
2	900 001006.08			ARMATURE LAM .028 1309			4 CA	176.00000	176.00000	LM	33	9/14/90	99/99/99
2	900 900003.01			COMMUTATOR 36 SEG			4 KA	1.00000	1.00000	PC	63	9/14/90	99/99/99
2	900 900004.01			INSUL TUBE 1.25			4 KE	2.00000	2.00000	PC	33	9/14/90	99/99/99
2	900 900030.08			END FIBER			4 KE	2.00000	2.00000	PC	33	9/14/90	99/99/99
2	999 000546.05			3-5-3 DMD 5 3/16			3 AS	.08200	.08200	LB	13	9/14/90	99/99/99
2	999 000165.05			MAG WIRE 16.5 200 MW35-C (HB)			3 AI	1.56000	1.56000	LB	33	9/14/90	99/99/99
2	999 000165.06			MAG WIRE 16.5 GR 200 MW35-C HB 3			3 AI	1.56000	1.56000	LB	33	9/14/90	99/99/99
2	999 002001.03			5203 DBL SLD DOLIUM R			4 DA	2.00000	2.00000	PC	63	4/15/95	99/99/99
1	150 021031.01			MACHINED ENDBELL			1 L5	1.00000	1.00000	PC	3	10/02/89	99/99/99
2	151 020031.01			AL ENB 203 TEFC			4 HN	1.00000	1.00000	PC	18	2/05/85	99/99/99
1	150 021032.04			MACHINED ENDBELL			1 L5	1.00000	1.00000	PC	4	10/02/89	99/99/99
2	151 020032.01			AL C FACE 203 ENC			4 HN	1.00000	1.00000	PC	19	3/19/86	99/99/99
1	172 006392.36			BRUSH/PLATE ASSEMBLY			1 X1	1.00000	1.00000	EA	28	10/22/92	99/99/99
2	900 900015.02			BRUSH			4 KC	2.00000	2.00000	PC	68	9/09/94	99/99/99
2	900 950027.27			TERM/ASSEM - 006392.36			4 KE	1.00000	1.00000	EA	55	9/09/94	99/99/99
1	225 003237.01			CONDUIT BOX			4 EF	1.00000	1.00000	PC	21	10/02/89	99/99/99
1	225 003238.01			CON BOX COVER			4 EF	1.00000	1.00000	PC	31	10/02/89	99/99/99
1	230 900013.01			BRUSH COVER			4 KE	2.00000	2.00000	PC	31	10/02/89	99/99/99
1	230 900014.01			BRUSH COVER INSUL			4 KE	2.00000	2.00000	PC	31	10/02/89	99/99/99
1	295 003518.01			FAN EXT 56 FR			4 EU	1.00000	1.00000	PC	21	10/02/89	99/99/99
1	310 003434.02			FAN GUARD 48 FR.			4 ER	1.00000	1.00000	PC	16	10/02/89	99/99/99
1	350 003810.01			10-32 X 2 T-BOLT			4 FA	4.00000	4.00000	PC	41	10/02/89	99/99/99
1	350 003810.04			10-32 X 3 1/2 T-BOLT			4 FA	4.00000	4.00000	PC	41	10/02/89	99/99/99
1	360 004300.03			WAVY SPRING			4 GA	1.00000	1.00000	PC	26	10/02/89	99/99/99
1	360 004301.01			SHIM .060 THK 203			4 GA	1.00000	1.00000	PC	26	10/02/89	99/99/99
1	410 006002.01			KEY 3/16 X 1.38			4 GN	2.00000	2.00000	PC	31	10/02/89	99/99/99
1	410 006022.10			STRAIN RELIEF			4 HC	1.00000	1.00000	PC	26	10/02/89	99/99/99
1	410 006029.01			RETAINING RING EXT			4 HC	2.00000	2.00000	PC	26	10/02/89	99/99/99
1	410 006235.03			CONDUIT BOX COVER GASKET			4 GP	1.00000	1.00000	PC	31	10/02/89	99/99/99
1	410 006236.01			CONDUIT BOX GASKET			4 GP	1.00000	1.00000	PC	31	10/02/89	99/99/99
1	410 006244.02			GASKET BRUSH COVER			4 GP	2.00000	2.00000	PC	21	10/02/89	99/99/99
1	460 009000.01			TFS 8-32 X .38 PP PO			4 HA	13.00000	13.00000	PC	41	10/02/89	99/99/99
1	460 009000.13			TCS 10-32 X .38 PP ZPG			4 HA	1.00000	1.00000	PC	41	10/02/89	99/99/99
1	460 009005.01			4-40 X 1/8 STICK SCREW			4 HA	2.00000	2.00000	PC	26	10/02/89	99/99/99
1	460 009014.02			ITLW #10 ZP			4 HA	4.00000	4.00000	PC	41	10/02/89	99/99/99

Level	Bub Item	From Class	To 99	From Item	108224.00	To 108224.00	Type	Class	Qty Rqd	Cum Qty	U/M	Lead	Effect	Discont	Draw/Rev
1	460 009043.01			TERM. CUP WASHER	4	HA	4	HA	1.00000	1.00000	PC	41	10/02/89	99/99/99	2
1	460 009000.03			TFS 8-32 X .50 PP ZP	4	HA	4	HA	4.00000	4.00000	PC	41	6/21/93	99/99/99	22
1	460 009000.02			TFS 10-32 X 3/8 TF PP	4	HA	4	HA	1.00000	1.00000	PC	71	5/17/94	99/99/99	22
1	470 305000.01			LEESON BLUE AQUA ENAMEL	4	JA	4	JA	.01500	.01500	GA	21	9/24/93	99/99/99	5
1	470 900011.01			BRUSH CLIP	4	KE	4	KE	2.00000	2.00000	PC	41	9/07/94	99/99/99	3
1	480 080209.01			NAMEPLATE DC METAL	4	FK	4	FK	1.00000	1.00000	PC	19	10/02/89	99/99/99	1
1	700 307006.37			INDIVIDUAL CARTON	0	U3	0	U3	1.00000	1.00000	EA	1	1/28/91	99/99/99	31
.2	999 306064.01			INDIVIDUAL CARTON	4	JM	4	JM	1.00000	1.00000	PC	11	10/31/90	99/99/99	0
.2	999 306173.01			WOOD PALLET 36X42	4	CZ	4	CZ	.00000	.00000	PC	21	10/31/90	99/99/99	8
.2	999 305077.01			COMP "A" BULK TANK	4	JQ	4	JQ	.44819	.44819	LB	21	10/31/90	99/99/99	NA
.2	999 305077.02			COMP "B" BULK TANK	4	JQ	4	JQ	.33150	.33150	LB	21	10/31/90	99/99/99	NA
.2	999 006313.02			POLY BAG 3 COMPONENT PKG.	4	JQ	4	JQ	5.50000	5.50000	FT	21	6/22/93	99/99/99	0

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				
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 ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					



Regal Beloit America, Inc.

CERTIFICATION DATA SHEET

Model#: 56T34F15601 A
CONN. DIAGRAM: EE7308
OUTLINE: A-108224-906

WINDING#: ZT2175 FR 1
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3&2	2.24&1.49	3600	3450&2850	56HJ	TEFC	M	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/ 380	7.6/3.8&6.4/3. 2	ACROSS THE LINE	CONTINUOU S	F3	1.15/1.15	40	3300

FULL LOAD EFF: 87.5&87.5	3/4 LOAD EFF: 87.9	1/2 LOAD EFF: 85.8	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 84&80	3/4 LOAD PF: 78.4	1/2 LOAD PF: 67.3	85.5	SQ CAGE IND RUN	3.4 / 1.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	73.8 / 36.9	17.29 LB-FT 384	22.7 LB-FT 504	57

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
68 dBA	78 dBA	0.045 LB-FT^2	5 LB-FT^2	10 SEC.	2	43.6 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL OR SHAFT DOWN	FALSE	NONE	TRUE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	JET PUMP	NONE	NONE	416 STAINLESS (C-503)	ROLLED STEEL
6205	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/29/2017 07:51:50 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 8/18/2017
 Customer: _____
 Attention: _____
 Submitted by: VINAYAK YERATE



56T34F15601

Submittal

Data @ 460 V

Motor Load Data

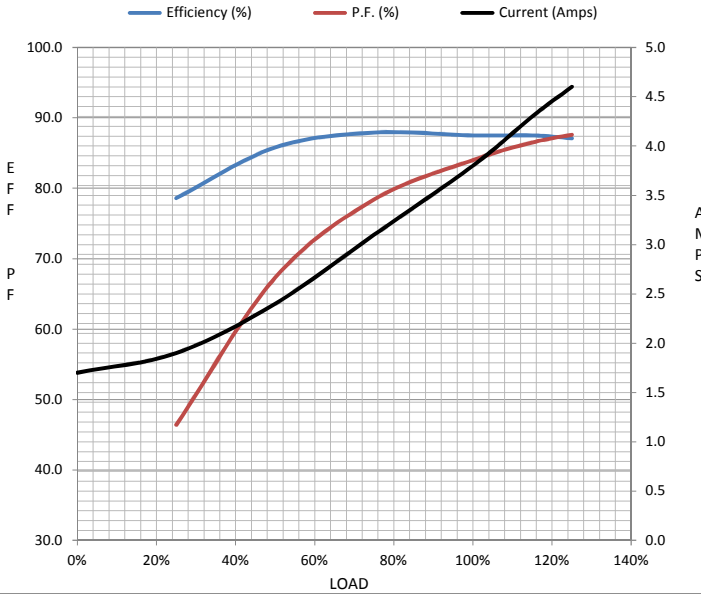
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	1.90	2.40	3.1	3.8	4.3	4.6	36.9
Torque (ft-lb)	0.00	1.10	2.22	3.4	4.5	5.2	5.7	17.3
RPM	3600	3577	3555	3530	3505	3,485	3475	0
Efficiency (%)		78.6	85.8	87.9	87.5	87.5	87.1	
P.F. (%)	11.0	46.4	67.3	78.4	84.0	86.5	87.6	71.5

Motor Speed Data

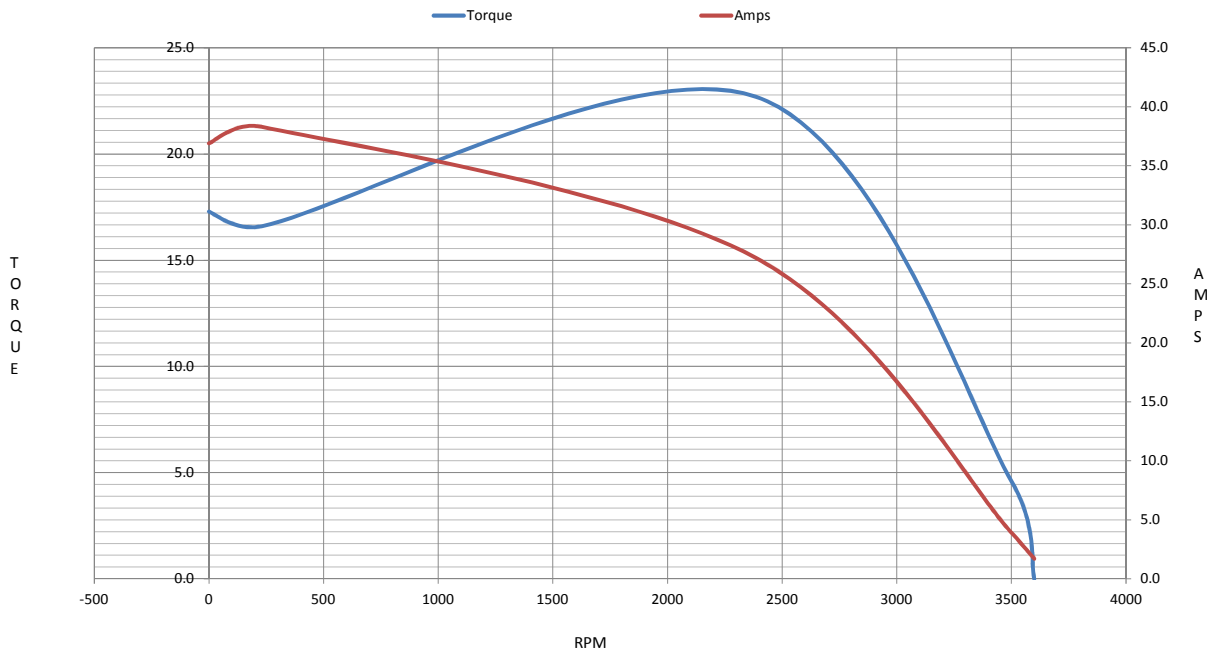
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	230	2385	3505	3600
Current (Amps)	36.9	38.3	27.2	3.8	1.70
Torque (ft-lb)	17.3	16.6	22.7	4.5	0.00

Information Block

HP	3.0			
Sync. RPM	3600			
Frame	145			
Enclosure	TEFC			
Construction	TFR			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	A			
LR Code letter	M			
Service Factor	1.15			
Temp Rise @ FL	57 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.05 Lb-Ft ²			
Ref Wdg	ZT2175 FR			
Sound Pressure @ 1M	68 dBA			
VFD Rating	NONE			
Outline Dwg	A-108224-906			
Conn. Diag	EE7308			
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



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 : 056T34F15601

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

Catalog No : J066A

Rework No : N/A

Directives :

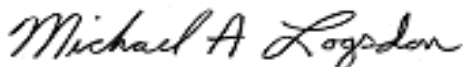
Low Voltage Directive 2014/35/EU

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