Catalog # : 170043.60
Product Type: AC MOTOR
Description:

Model: 170043.60
Stock: Y

Quote: Price:

Date: 08/07/2018

A Regal Brand

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Product Type: AC MOTOR
Description:

Model: 170043.60
Stock: Y

Engineering Data					
Volts	208-230	Volts	460	Volts	190/380
F.L. Amps	150-136	F.L. Amps	68	F.L. Amps	131.2/65.6
S. F Amps	156	S. F Amps	78	S. F Amps	150/75

RPM	3600	Hertz	60/50		
HP	60	Duty	CONTINUOUS	TYPE	TF
KW	45				
Frame	364TS	Serv. Factor	1.15	Phase	3
Max Amb	40	Design	B	Code	H
Insul Class	F	Protection	NOT	Therm.Prot.	
Eff 100%	94.1	Eff 75%		PF	86.5
UL	Yes	CSA	Yes	Bearing OPE	6313
CC Number	CC005A	CE	No	Bearing PE	6313
Load Type		Inverter Type		Speed Range	NONE

Motor Wt.	758 LB	Enclosure	TEFC	Lubrication	POLYREX EM
Nameplate	081023	Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	004172.01
Cust Part No		Outline	SS622180LE	Ext. Diag2	
Packaging	307996.01	Outline Dash No		Winding	T18302016
Carton Label	INDIVIDUAL			GROUP :	3
Iris		Paint	BLUE (ENAMEL)	Test Card	

Form Factor		RMS Amps	Const TorqueSpeed Range
Torque		Peak	
AB Code		Peak@DegC	
Resistance			
Connection			

Rework Status	Rework TYPE

Hazardous Loc	NONE		Brake Motors
Explosion Proof		Temp Op Code	FORCE
Class		GROUP	VDC
Class		GROUP	ADC

Brake Coil OHMs @25 C

Performance

Torque UOM	LB-FT	Inertia (WK²)	6.24 LB-FT^2	
Torque	88.2(Full Load)	257(Break Down)	185.8(Pull Up)	200(Locked Rotor)
CURRENT (amps)	68(Full Load)	0(Break Down)	0(Pull Up)	474(Locked Rotor)
Efficiency (%)	0(Full Load)	93(75% Load)	91.2(50% Load)	85(25% Load)
PowerFactor	(Full Load)	84(75% Load)	77.1(50% Load)	59(25% Load)

Load Curve Data @60/50 HzVolts,60Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	18.0	1.84	3599	0.0	0.0	11.5	0.0	-
0.25	28.0	13.156	3593	21.9	85.0	59.0	0.0	-
0.5	40.0	24.579	3586	44.0	91.2	77.1	0.0	-
0.75	54.0	36.122	3578	66.1	93.0	84.0	0.0	-
1.0	68.0	47.7	3575	88.4	94.1	86.5	50.4	-
1.15	80.0	54.8	3568	102.0	94.1	87.0	72.0	-
1.25	86.0	59.683	3560	110.7	93.8	87.1	0.0	-
1.5	103.0	71.295	3549	132.3	93.6	86.9	0.0	-

SOURCE: CALCULATED GROUP: 3

Load Curve Data @60/50HzVolts,60Horsepower

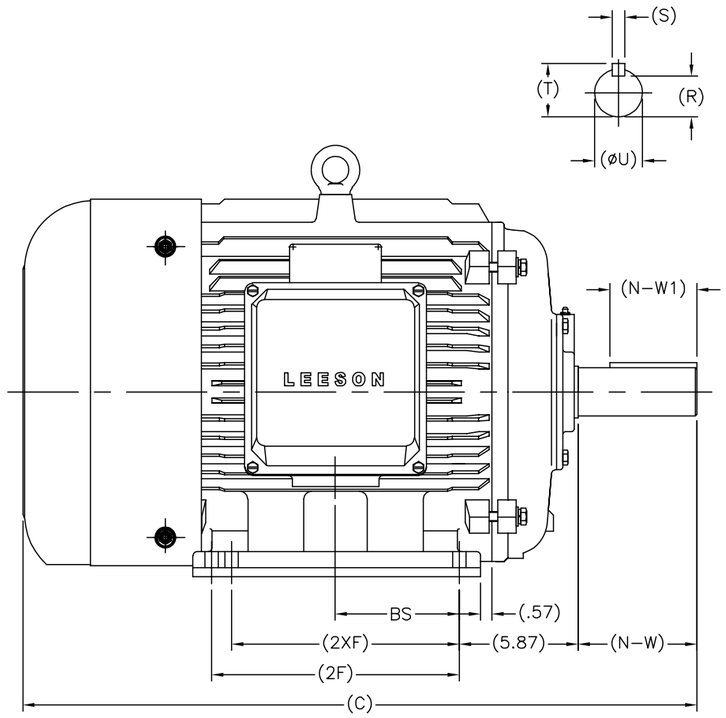
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise

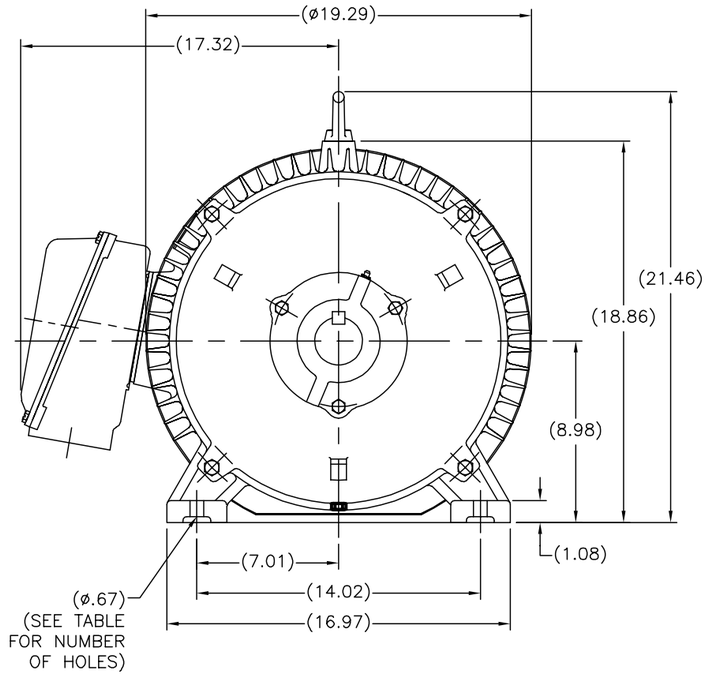
Load Curve Data Not Available

Quote: Price:

Date: 08/07/2018

SS622180LE





FRAME	C	2F	2XF	HOLES	N–W	N–W1	øU	R	S	T	BS
NT364TS–2	30.20	11.26	---	4	3.74	2.05	1.87	1.59	0.50	2.09	---
NT365TS–2	31.18	12.24	11.26	6							
NT364T–4, 6	32.32	11.26	---	4	5.87	4.29	2.37	2.01	0.63	2.64	5.60
NT365T–4, 6	33.31	12.24	11.26	6							6.10

NO.	REVISION	BY & DATE	CHK
1	ADDED BS DIM. UPDATED TITLE BLOCK, ECO–0048910	RFH 04/07/2014	EH

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

REGAL - BELOIT CORPORATION

TITLE OUTLINE
360 FR. – TEFC – (REDESIGNED)

MAT'L.

FINISH

CAD FILE SS622180LE

RFP

DIST

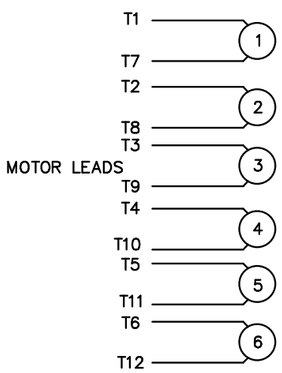
DRAWN	MSG 02/13/2007
CHK	ML 02/16/2007
APPD	SB 02/23/2007
SCALE	N/A
REF	
FMF	HEBEI
PREV	

SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
A	SS622180LE		1

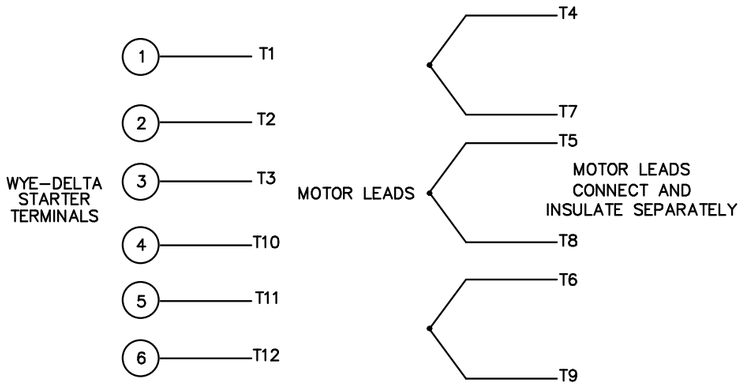
004172-01

WYE – DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

LOW VOLTAGE CONNECTION

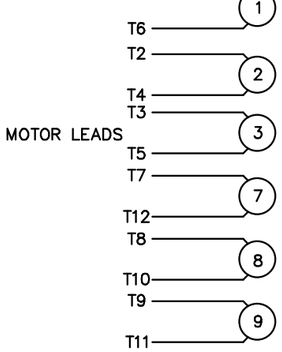


HIGH VOLTAGE CONNECTION



REFER TO THE WYE–DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

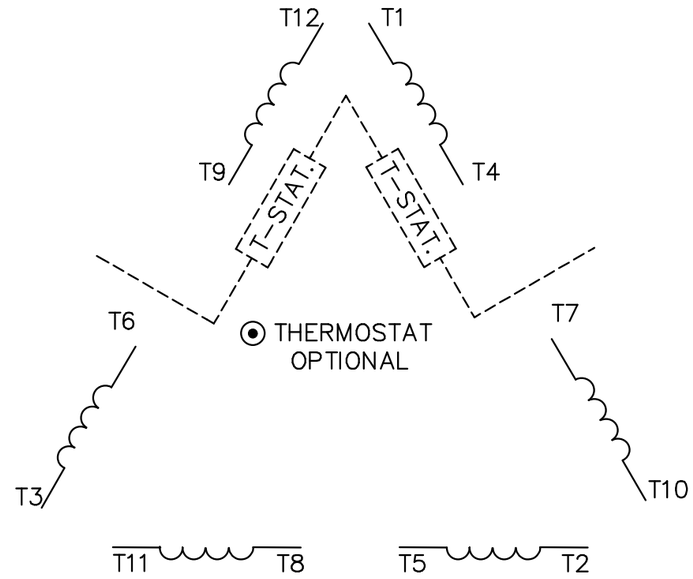
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER – HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

LINE LEADS



ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

◉ RED LEADS OR P1, P2, FOR N/C THERMOSTAT

ACROSS THE LINE START & RUN

	LINE 1	LINE 2	LINE 3	JOIN & INSULATE SEPARATELY
HIGH VOLT	T1,T12	T2,T10	T3,T11	(T4,T7) (T5,T8) (T6,T9)
LOW VOLT	T1,T6 T7,T12	T2,T4 T8,T10	T3,T5 T9,T11	

NO.	REVISION	BY & DATE	CHK
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00	
02	ADDED T–STAT. NOTES PER ELECTRICAL	KMM 06/02/98	
01	REDRAWN TO CAD	DBT 06/02/97	

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: DELTA – WYE CONNECTION DIAGRAM

MAT'L.

FINISH

RFP

DIST

CAD FILE 00417201

DRAWN	WLW 09/08/77
CHK	RPB 09/12/77
APPD	JCW 09/12/77
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. 004172–01 | REV. 03

6/28/2007 3:22:15 PM -