PRODUCT INFORMATION PACKET

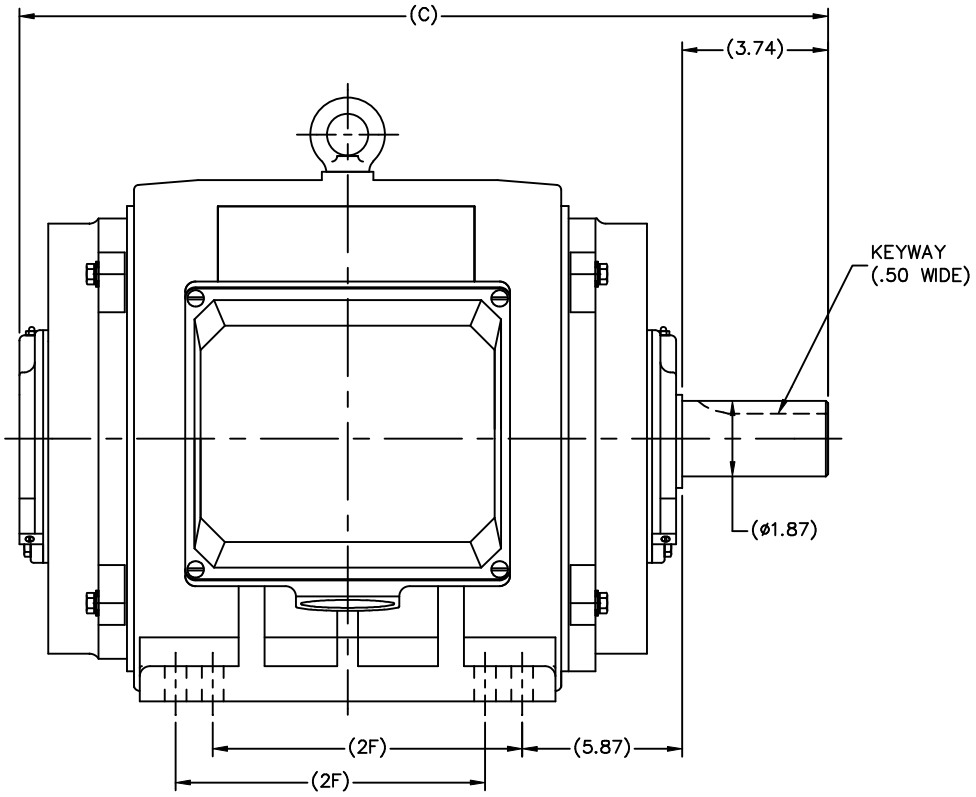
Model No:
Catalog No: 170044.00
75 HP 3600 230/460 ODP
Open Drip Proof (ODP)

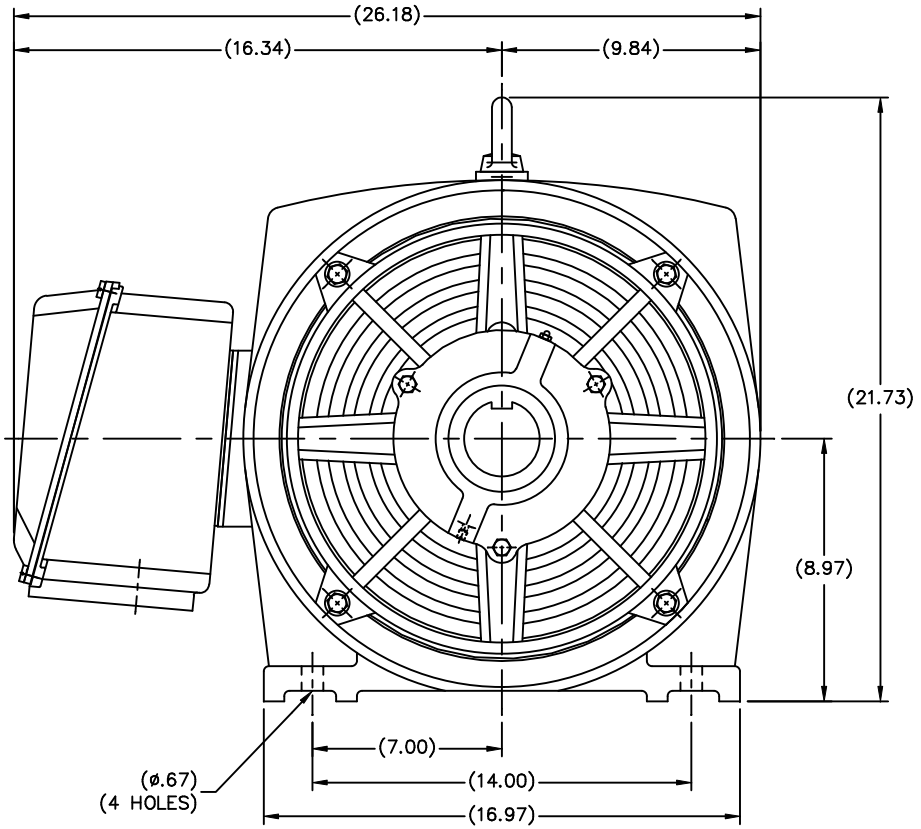
Nameplate Specifications

Output HP	**75 Hp**	Output KW	**56.0 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**190.0-170.0/85.0 A**	Speed	**3575 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**93.6 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**F**	Frame	**364TS**
Enclosure	**Drip Proof**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6312**
Opp Drive End Bearing Size	**6312**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**12**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Wye Start Delta Run Or Inverter**
Poles	**2**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Cast Iron**	Shaft Type	**TS**
Overall Length	**29.41 in**	Shaft Diameter	**1.875 in**
Shaft Extension	**3.75 in**	Assembly/Box Mounting	**F1/F2 CAPABLE**
Outline Drawing	**SS622171LE**	Connection Diagram	**004172.01**





DIMENSIONS IN TABLE ARE FOR REFERENCE

N364 ODP	29.41	11.26
N365 ODP	30.59	12.24
FRAME	C	2F

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

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

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE OUTLINE
364TS/365TS FR. – ODP – 2 POLE

MAT'L.

FINISH

CAD FILE SS622171LE

RFP

DIST CHA

DRAWN	MSG 11-21-2006
CHK	ML 11-21-2006
APPD	SB 11-22-2006
SCALE	7=32
REF	
FMF	HEBEI
PREV	

SIZE B | DRAWING NO. SS622171LE | PAGE OF | REV.

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

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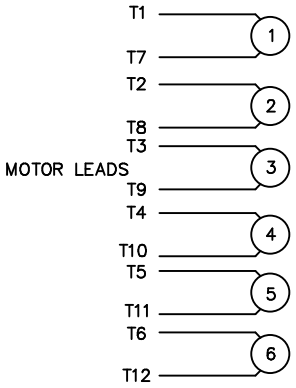
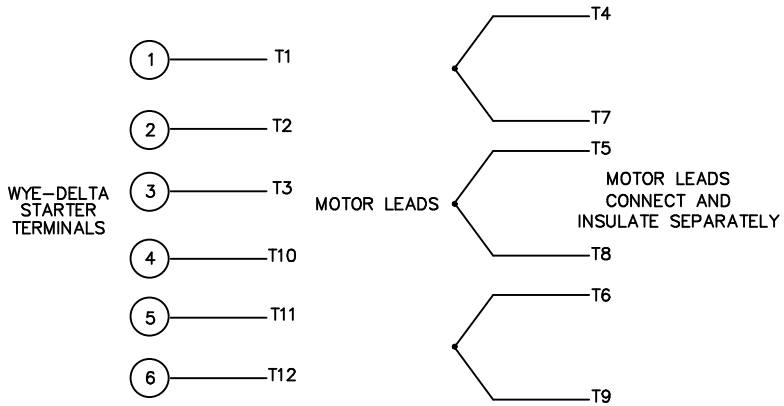
-savelevel-

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

LOW VOLTAGE CONNECTION

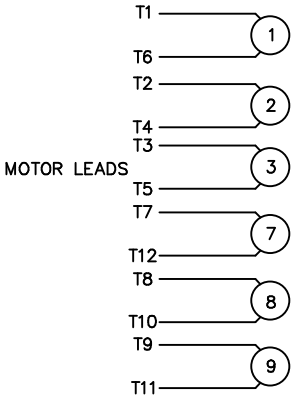


HIGH VOLTAGE CONNECTION



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

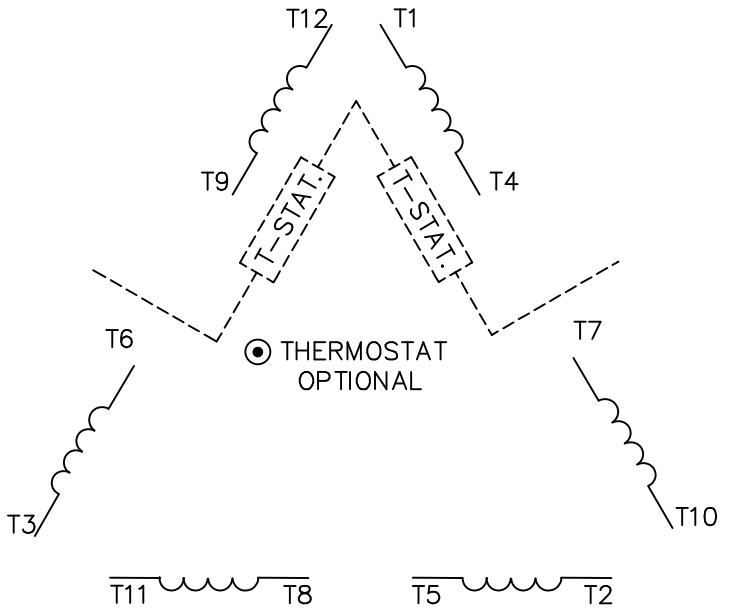
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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

CAD FILE 00417201

RFP

DIST

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

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