# PRODUCT INFORMATION PACKET

Model No: SRF4S0.5T1C6028TP1
Catalog No: LM24604
..1/2..1800.S56.TEFC.115/208-230.1.60...1.15..SRF4S0.5T1C6028TP1.....OVERLOAD.....
Totally Enclosed Fan Cooled (TEFC)

**Product Information Packet: Model No: SRF4S0.5T1C6028TP1, Catalog No:LM24604 ..1/2..1800.S56.TEFC.115/208-230.1.60...1.15..SRF4S0.5T1C6028TP1.....OVERLOAD.....**

## Nameplate Specifications

| | | | |
|---|---|---|---|
| Output HP | **0.50 Hp** | Output KW | **0.37 kW** |
| Frequency | **60 Hz** | Voltage | **115/208-230 V** |
| Current | **8.0/4.0-4.0 A** | Speed | **1725 rpm** |
| Service Factor | **1.15** | Phase | **1** |
| Efficiency | **66 %** | Duty | **Continuous** |
| Insulation Class | **B** | Design Code | **NO DESIGN CODE** |
| KVA Code | **M** | Frame | **S56** |
| Enclosure | **Totally Enclosed Fan Cooled** | Overload Protector | **Manual** |
| Ambient Temperature | **40 °C** | Drive End Bearing Size | **6203** |
| Opp Drive End Bearing Size | **6203** | UL | **Recognized** |
| CSA | **Y** | CE | **N** |
| IP Code | **43** | | |

## Technical Specifications

| | | | |
|---|---|---|---|
| Electrical Type | **Capacitor Start Induction Run** | Starting Method | **Across The Line** |
| Poles | **4** | Rotation | **Selective Counterclockwise** |
| Mounting | **Rigid base** | Motor Orientation | **HORIZONTAL** |
| Drive End Bearing | **BALL** | Opp Drive End Bearing | **BALL** |
| Frame Material | **Rolled Steel** | Shaft Type | **NEMA 56** |
| Overall Length | **11.22 in** | Frame Length | **6.25 in** |
| Shaft Diameter | **0.625 in** | Shaft Extension | **1.88 in** |
| Assembly/Box Mounting | **F1 ONLY** | | |
| Outline Drawing | **A-SS75195LN-625** | Connection Diagram | **A-EE9023E-LN** |

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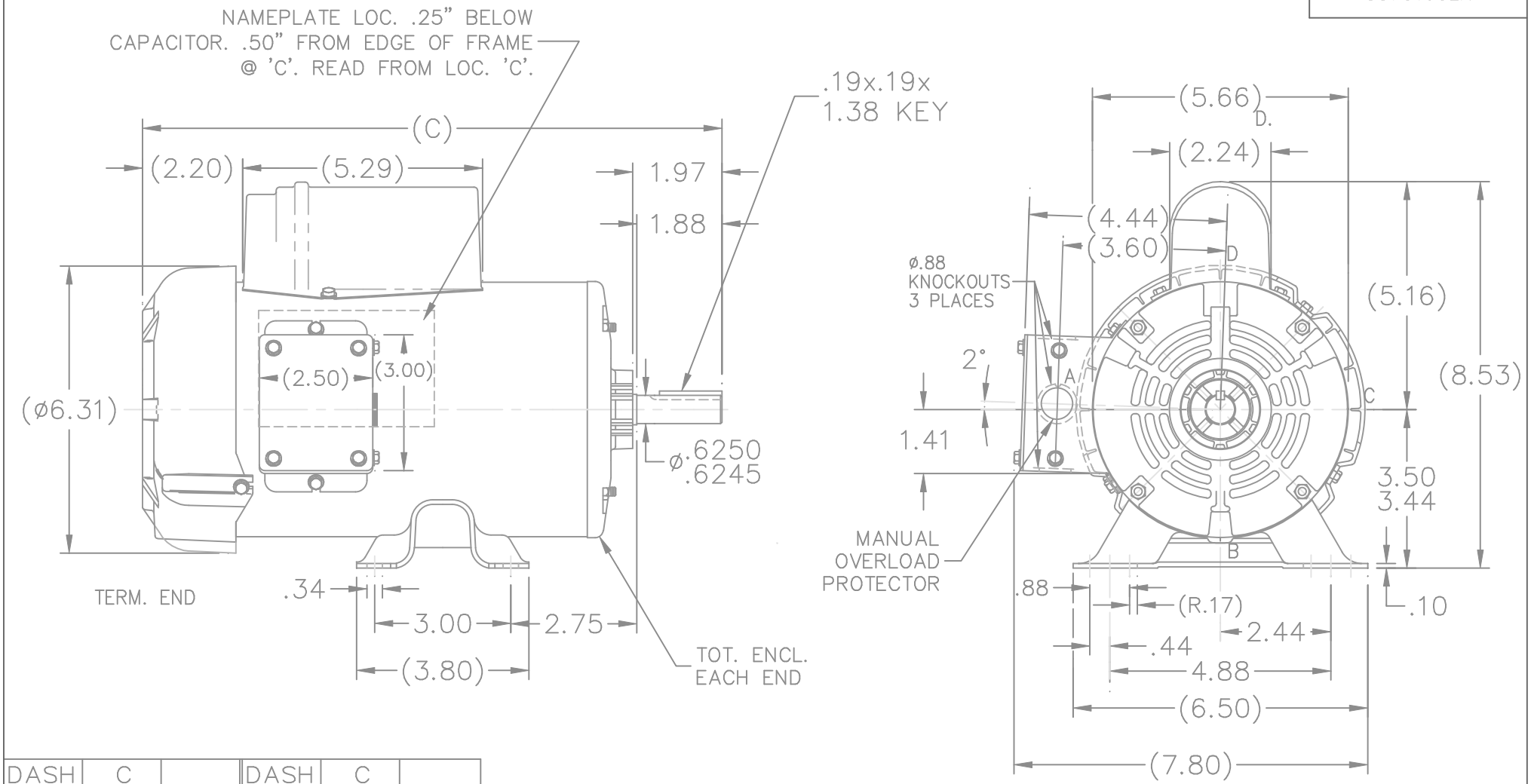
SS75195LN




| DASH | C | | DASH | C | |
|---|---|---|---|---|---|
| 525 | 10.22 | | 625 | 11.22 | |
| 550 | 10.47 | | | | |
| 575 | 10.72 | | | | |

| NO. | REVISION | BY & DATE | CHK |
|---|---|---|---|
| 2 | NEW CONDUIT BOX CN39440-3 | RJW 01-18-2006 | ML |
| 1 | NEW DRAWING | NJS | |

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE OUTLINE

MAT'L.

FINISH

CAD FILE SS75195LN

RFP

DIST WP

| | |
|---|---|
| DRAWN | NJS 02-02-2000 |
| CHK | ML 02-17-2000 |
| APPD | GK 02-17-2000 |
| SCALE | 5=16 |
| REF | |
| FMF | |
| PREV | |

SIZE A | DRAWING NO. SS75195LN | PAGE OF | REV. 2



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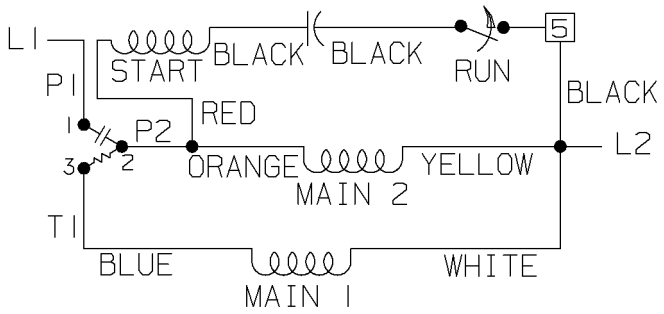
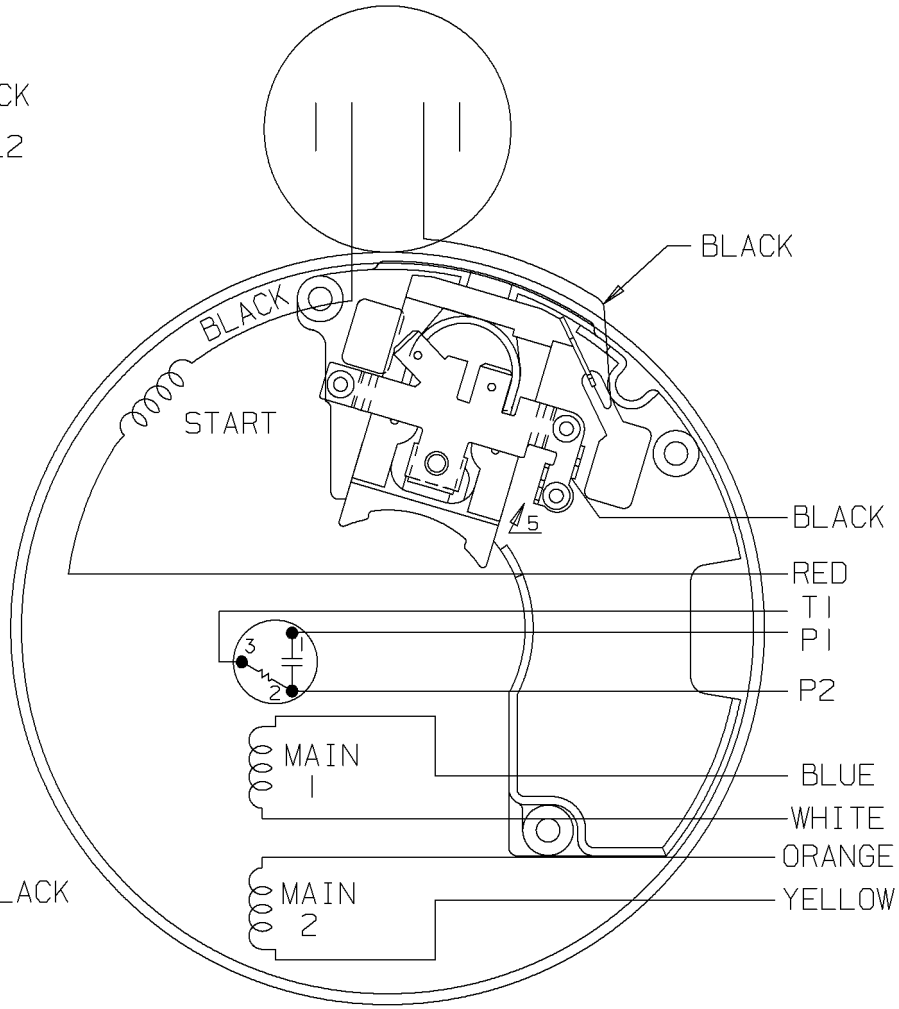
A- EE9023E-LN

# DUAL VOLTAGE CAPACITOR START OVERLOAD SELECT ROTATION

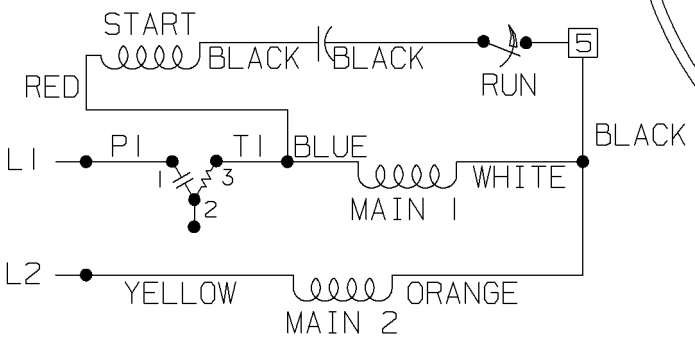
## LOW VOLTAGE C.C.W.



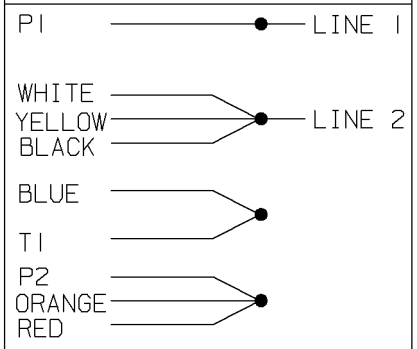

START



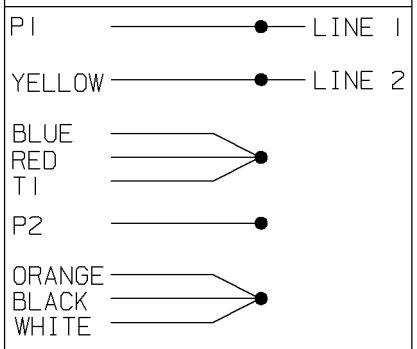

## HIGH VOLTAGE C.C.W.




## LOW VOLT. CCW ROT.




## HIGH VOLT. CCW ROT.




FOR CW ROT. EITHER VOLTAGE INTERCHANGE RED WITH BLACK LEAD.

| REV | DATE | CHANGE | NAME |
|---|---|---|---|
| | | | |
| | | | |
| 1 | 02-03-2000 | NEW DRAWING | BJW |

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7'30"

| | | | |
|---|---|---|---|
| MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED | | DRAWN BY BJW | 02-03-2000 |
| FINISH | | CHKD BY ML | 02-03-2000 |
| MATERIAL | | APPD BY GK | 02-03-2000 |

PART NAME CONNECTION DIAGRAM

DRWG NO A- EE9023E-LN

PURCHASED | CADD FILE NO. EE9023E-LN

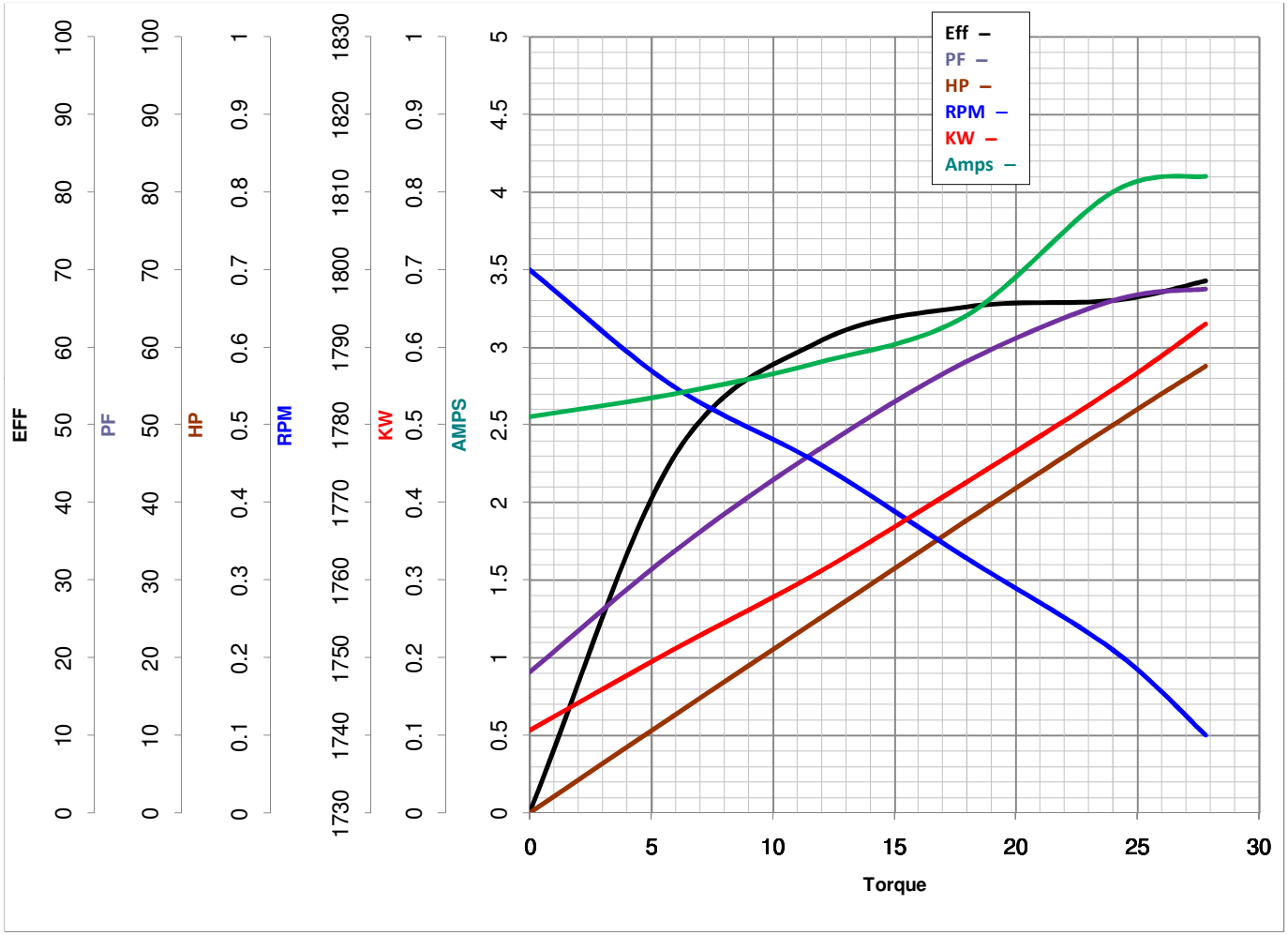
# LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

**Curve at** 230 **Volts** **HP** 0.50 **PHASE** 1
60 **HZ**
0.5 **HP** **VOLTS** 115/208-230

**Model No** LM24604

**Catalog No** LM24604D **HZ** 60 **RPM** 1725




**Torque in Oz.Ft**

| | | | | | |
|---|---|---|---|---|---|
| **FL TORQUE** | 24 | **Oz.Ft** | **FL AMPS** | 8/4-4 | |
| **BD TORQUE** | 58.5 | **Oz.Ft** | **PU TORQUE** | 52.4 | **Oz.Ft** |
| **LR TORQUE** | 89 | **Oz.Ft** | **LR AMPS** | 22 | |
| **WINDING** | CE484132-3 | | | **Date** | **3/26/2018** |