

# PRODUCT INFORMATION PACKET



Model No: C6T17VC73A

Catalog No: 119485.00

1HP..1760RPM.56C.TENV.230/460V.3PH.60HZ.CONT.40C.1.15SF.C FACE.C6T17WC54.....WASHDOWN  
BRAKEMOTOR.T-STATS.....

Brake Motors



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## Nameplate Specifications

|                            |                                 |                        |               |
|----------------------------|---------------------------------|------------------------|---------------|
| Output HP                  | 1 Hp                            | Output KW              | 0.75 kW       |
| Frequency                  | 60 Hz                           | Voltage                | 208-230/460 V |
| Current                    | 3.0-2.8/1.4 A                   | Speed                  | 1750 rpm      |
| Service Factor             | 1.15                            | Phase                  | 3             |
| Efficiency                 | 85.5 %                          | Duty                   | Continuous    |
| Insulation Class           | F                               | Design Code            | B             |
| KVA Code                   | L                               | Frame                  | 56C           |
| Enclosure                  | Totally Enclosed Non Ventilated | Overload Protector     | No            |
| Ambient Temperature        | 40 °C                           | Drive End Bearing Size | 6205          |
| Opp Drive End Bearing Size | 6203                            | UL                     | Recognized    |
| CSA                        | Y                               | CE                     | Y             |
| IP Code                    | 55                              |                        |               |

## Technical Specifications

|                       |                             |                       |                 |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type       | Squirrel Cage Induction Run | Starting Method       | Across The Line |
| Poles                 | 4                           | Rotation              | Reversible      |
| Mounting              | Round                       | Motor Orientation     | HORIZONTAL      |
| Drive End Bearing     | BALL                        | Opp Drive End Bearing | BALL            |
| Frame Material        | Rolled Steel                | Shaft Type            | NEMA 56         |
| Overall Length        | 17.00 in                    | Frame Length          | 8.00 in         |
| Shaft Diameter        | 0.625 in                    | Shaft Extension       | 1.87 in         |
| Assembly/Box Mounting | F1 ONLY                     |                       |                 |
| Outline Drawing       | 607-0280-800                | Connection Diagram    | 005010.28       |





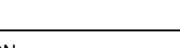
|   |                 |  |  |
|---|-----------------|--|--|
|  |                 | Regal Beloit America, Inc.   |  |
| DESCRIPTION   |                 | <p align="center"><b>OUTLINE</b></p> <p align="center"><b>TENV - ROUND "C" FACE - BRAKEMOTOR</b></p> |  |
| MATERIAL  |                 | PROCESS/FINISH   |  |
| SIZE  | DRAWING NUMBER  | SHEET  |  |
| <b>B</b>  | <b>607-0280</b> | <p align="center"><b>1 OF 1</b></p>  |  |

Diagram illustrating the internal wiring harness of a vehicle, showing connections to various components (P1, P2, T1, T2, T3, T4, T5, T6, T7, T8, T9, SB, BF) and the TSTAT(S) and BRAKE components.

| BRAKE CONNECTION |                    |                    |                      |                      |                        |                       |
|------------------|--------------------|--------------------|----------------------|----------------------|------------------------|-----------------------|
| VOLTAGE          | STERNS BRAKE       |                    |                      | DINGS BRAKE          |                        |                       |
|                  | L1                 | L2                 | Join                 | L1                   | L2                     | Join                  |
| HIGH             | 1(RED)             | 2(RED)             | 3(BLACK)<br>4(BLACK) | 2(BLACK)             | 4(YELLOW)              | 1(YELLOW)<br>3(BLACK) |
| LOW              | 1(RED)<br>3(BLACK) | 2(RED)<br>4(BLACK) | -----                | 2(BLACK)<br>3(BLACK) | 1(YELLOW)<br>4(YELLOW) | -----                 |

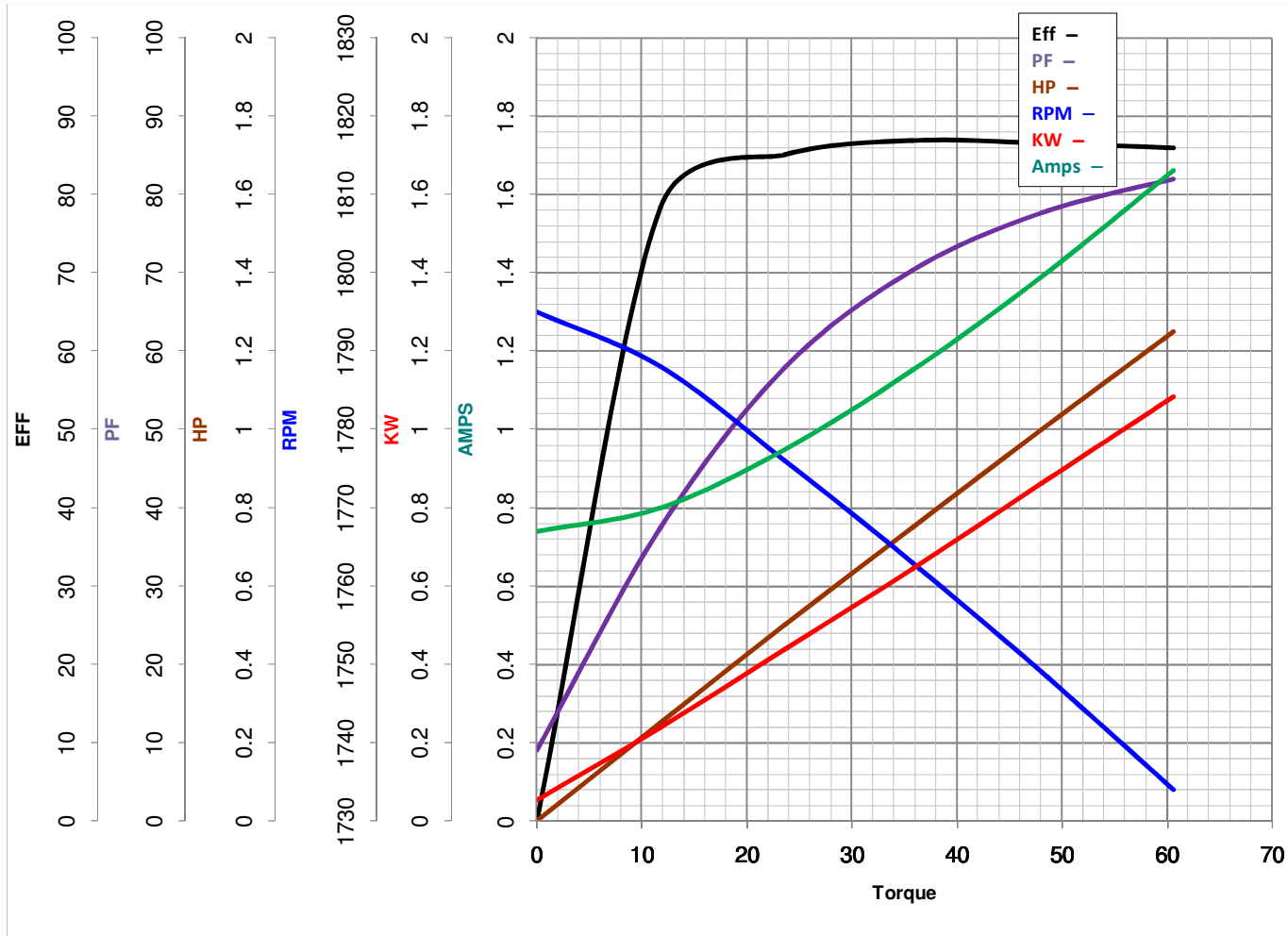
| VOLTAGE | L1    | L2    | L3    | JOIN &<br>INSULATE            |
|---------|-------|-------|-------|-------------------------------|
| HIGH    | T1    | T2    | T3    | (T4,T7)<br>(T5,T8)<br>(T6,T9) |
| LOW     | T1,T7 | T2,T8 | T3,T9 | T4,T5,T6                      |

|   |                       |              |                            |                                |        |   |           |                         |           |
|---|-----------------------|--------------|----------------------------|--------------------------------|--------|---|-----------|-------------------------|-----------|
|   |                       |              |                            | TOLERANCES<br>UNLESS SPECIFIED |        |  ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES |           | DRAWN RDW 09/14/99      |           |
|   |                       |              |                            | DEC                            | INCHES |   |           | CHK                     |           |
|   |                       |              |                            | .X                             | ±.1    |   |           | APPR                    |           |
|   |                       |              |                            | .XX                            | ±.01   |   |           | SCALE 1:1               |           |
|   |                       |              |                            | .XXX                           | ±.005  | TITLE EXTERNAL WIRING DIAGRAM<br>3 PHASE W/O PROTECTOR  |           | REF 005010-15           |           |
| --  | REDRAWN IN SOLIDWORKS | VJB 02/08/11 |                            | .XXXX                          | ±.0005 | MAT'L DECAL - 004014 DECAL - 080088   |           | FMF                     |           |
| NO  | REVISION              | BY & DATE    | CHK                        | ANG                            | ±1/2°  | FINISH CAMFAB INC.  |           | PAGE OF                 |           |
| <div>THIRD ANGLE<br/>PROJECTION</div>  |                       |              | RFP                        |                                | PREV   |   | SIZE<br>A | DRAWING NO<br>005010-28 | REV<br>-- |
|   |                       |              | NETWORK FILE NAME 00501028 |                                |        |   |           |                         |           |



# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 119485.00Curve at 460  
60  
1Volts  
HZ  
HPHP 1.00  
  
VOLTS 208-230/460PHASE 3Catalog No 119485.00HZ 60RPM 1750

Torque in Oz.Ft

FL TORQUE 48.04 Oz.Ft  
 BD TORQUE 206.0 Oz.Ft  
 LR TORQUE 166 Oz.Ft  
 WINDING T634471-3

FL AMPS 3-2.8/1.4  
 PU TORQUE 182.0 Oz.Ft  
 LR AMPS 12.43  
 Date 6/4/2018