

PRODUCT INFORMATION PACKET



Model No: C6C34DB71C
Catalog No: 114216.00
1HP..3450RPM.56.DP.115/208-
230V.1PH.60HZ.CONT.NOT.40C.1.25SF.RIGID.WOODWORKING.C6C34DB71C
Power Tools



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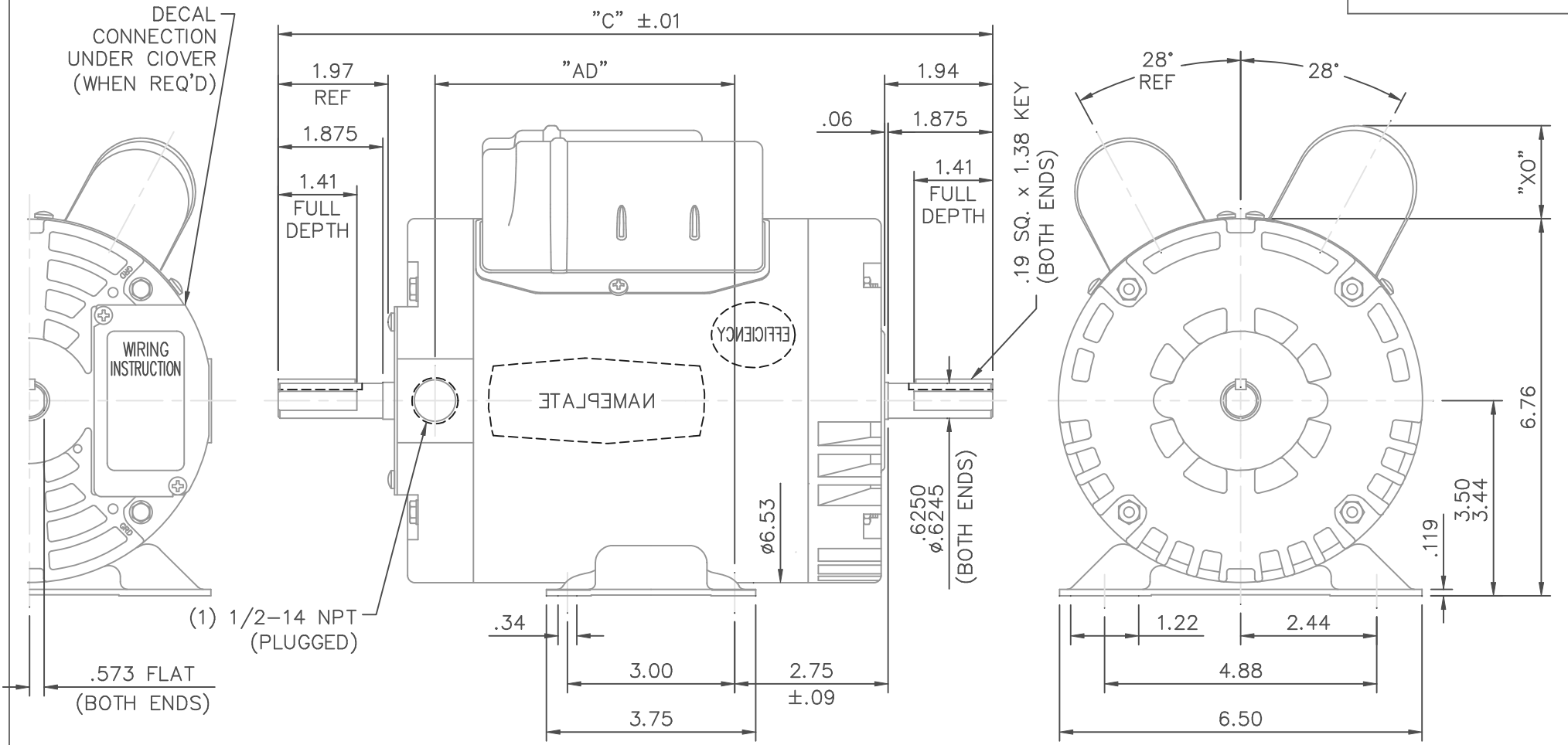
Nameplate Specifications

| | | | |
|----------------------------|----------------|------------------------|---------------|
| Output HP | 1 Hp | Output KW | 0.75 kW |
| Frequency | 60 Hz | Voltage | 115/208-230 V |
| Current | 12.0/6.2-6.0 A | Speed | 3450 rpm |
| Service Factor | 1.25 | Phase | 1 |
| Efficiency | 70 % | Duty | Continuous |
| Insulation Class | B | Design Code | L |
| KVA Code | J | Frame | 56Z |
| Enclosure | Drip Proof | Overload Protector | No |
| Ambient Temperature | 40 °C | Drive End Bearing Size | 6203 |
| Opp Drive End Bearing Size | 6203 | UL | Recognized |
| CSA | Y | CE | N |
| IP Code | 22 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------|-----------------------|------------------------------|
| Electrical Type | Capacitor Start Induction Run | Starting Method | Across The Line |
| Poles | 2 | Rotation | Selective Counterclockwise |
| Mounting | Rigid base | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Rolled Steel | Shaft Type | Special Extension Both Sides |
| Overall Length | 12.81 in | Frame Length | 6.00 in |
| Shaft Diameter | 0.625 in | Shaft Extension | 1.87 in |
| Assembly/Box Mounting | F1 ONLY | | |
| Outline Drawing | 028604-600C | Connection Diagram | 005278.01 |

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| DASH NO. | "C" | "AD" | CAP. DASH | "XO" |
|----------|-------|------|-----------|------|
| 500 | 11.81 | 4.37 | A | 1.00 |
| 550 | 12.31 | 4.87 | B | 1.45 |
| 600 | 12.81 | 5.37 | C | 1.67 |
| 650 | 13.31 | 5.87 | | |

| TOLERANCES UNLESS SPECIFIED | |
|-----------------------------|--------|
| DEC. | INCHES |
| .X | ±.1 |
| .XX | ±.03 |
| .XXX | ±.005 |
| .XXXX | ±.0005 |
| ANG | ±1/2° |



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

| | |
|-------|------------|
| DRAWN | RDW 7/1/04 |
| CHK | |
| APPD | SW 7/1/04 |
| SCALE | 3=8 |
| REF | |
| FMF | |
| PREV | |

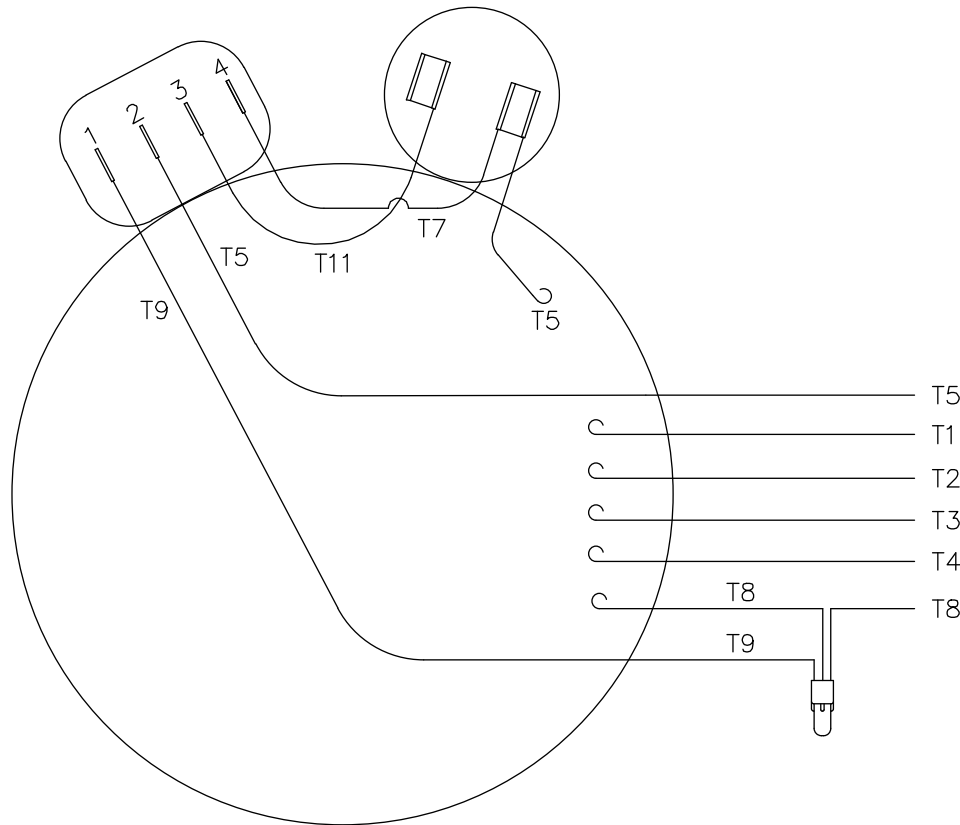
| | |
|--------|---|
| TITLE | OUTLINE - 56Z FRAME DRIP PROOF - RIGID |
| MAT'L. | POWER TOOL |
| FINISH | |

| NO. | REVISION | BY & DATE | CHK |
|-----|----------|-----------|-----|
| | | | |

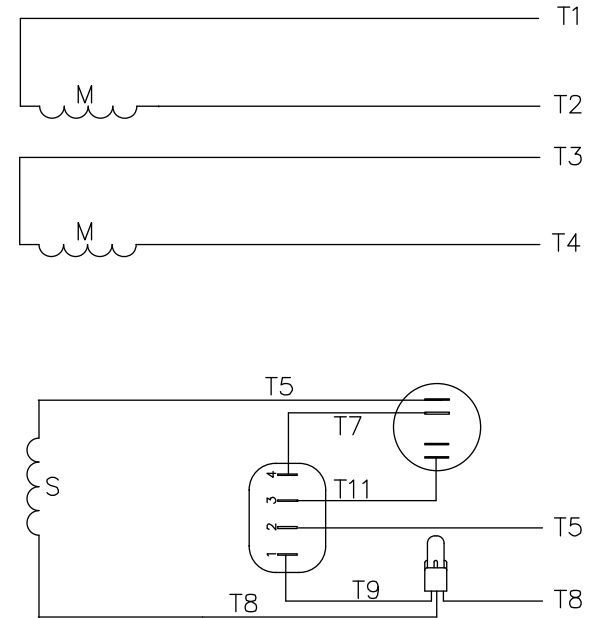
| | | | | | | |
|------|---------|----------|--------|------|-------------|------|
| RFP | 7/1/04 | CAD FILE | 028604 | SIZE | DRAWING NO. | REV. |
| DIST | BRF-NLV | | | A | 028604 | |

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



LINE LEADS



| | ROTATION FACING LEAD END | L1 | L2 | JOIN & INSULATE |
|--------------|--------------------------------|-------------|-------------|--------------------|
| HIGH VOLT | C.C.W. | T1 | T4 T5 | T2,T3 T8 |
| | C.W. | T1 | T4 T8 | T2,T3 T5 |
| LOW VOLT | C.C.W. | T1,T3 T8 | T2,T4 T5 | |
| | C.W. | T1,T3 T5 | T2,T4 T8 | |

| | | TOLERANCES UNLESS SPECIFIED | |
|-----|--|--------------------------------|---------|
| | | DEC. | INCHES |
| | | .X | ±.1 |
| | | .XX | ±.01 |
| 05 | ADDED DECAL FOR STOCK MODELS ECR 0042509 | GWS | 9/10/13 |
| 04 | REDRAWN ON CAD | DBT | 6/06/97 |
| NO. | REVISION | BY & DATE | CHK ANG |



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

| | |
|-------|--------------|
| DRAWN | PG 01/09/88 |
| CHK | |
| APPD | DJW 01/16/88 |
| SCALE | 1=1 |
| REF | 005242 |
| FMF | 6C17WB1 |
| PREV | |

| | |
|----------------------------------|---|
| TITLE | EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR |
| MAT'L. | DECAL - 004012 |
| FINISH STOCK MODELS TO USE DECAL | 214-0122-001 |

| | | | | | | | |
|--|------|----------|----------|----------|------|-------------|------|
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| | DIST | BRF | | | A | 005278-01 | 05 |



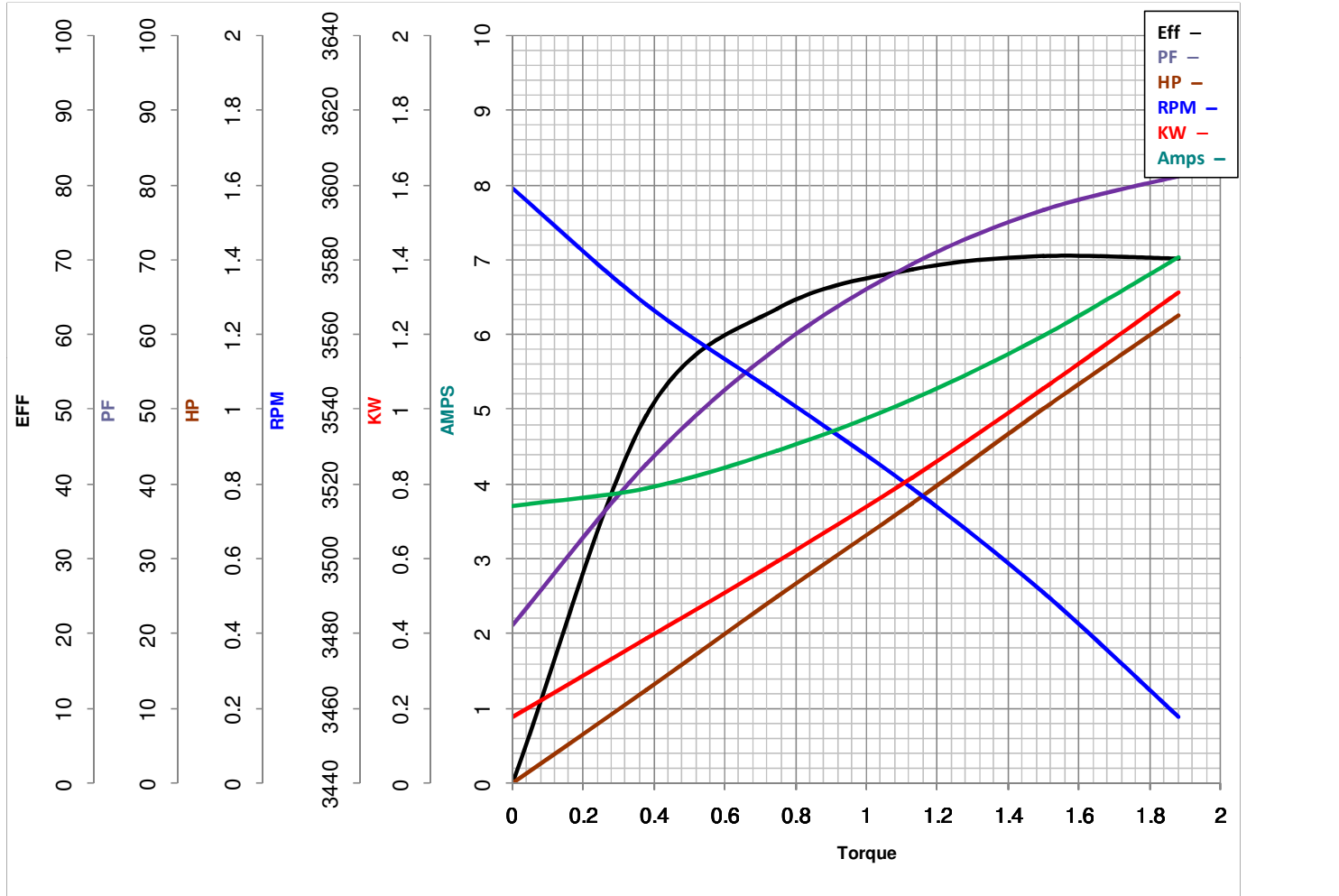
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 114216.00

Curve at 230 Volts HP 1.00 PHASE 1
60 HZ
1 HP VOLTS 115/208-230

Catalog No 114216.00

HZ 60 RPM 3450



| | | | | |
|------------------|------------|-------|------------------|------------------|
| FL TORQUE | <u>1.5</u> | Lb.Ft | FL AMPS | <u>12/6.2-6</u> |
| BD TORQUE | <u>4.0</u> | Lb.Ft | PU TORQUE | <u>3.8</u> Lb.Ft |
| LR TORQUE | <u>5</u> | Lb.Ft | LR AMPS | <u>34</u> |
| WINDING | C632211-3 | | Date | 3/23/2018 |