

PRODUCT INFORMATION PACKET



Model No: C6T34DK26B

Catalog No: E116785.00

E116785.00..1.5 HP..3490RPM.56C.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C
FACE.C6T34DK26.....GENERAL PURPOSE.T-STAT.....

Open Drip Proof (ODP)



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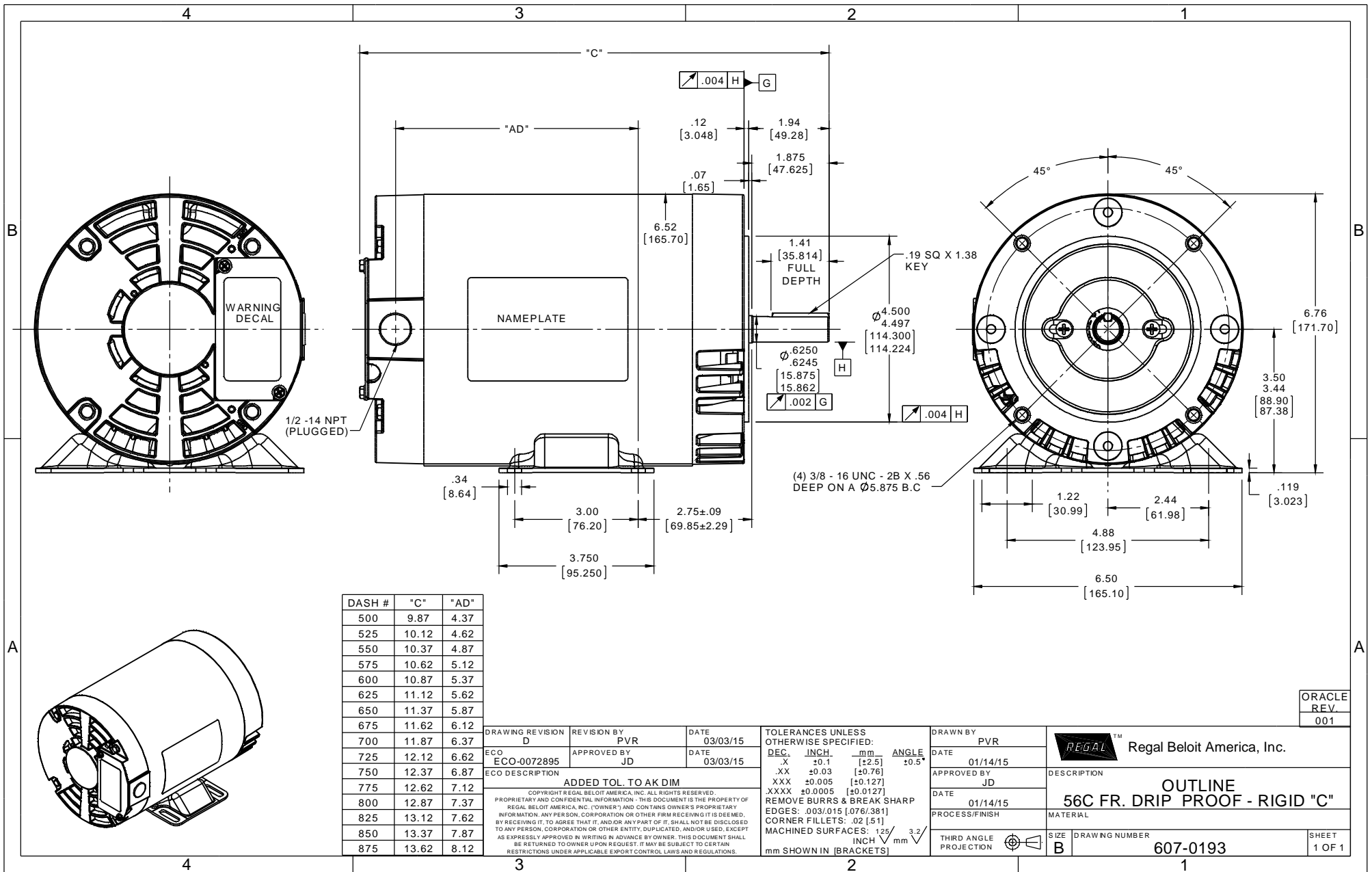
Nameplate Specifications

| | | | |
|----------------------------|------------|------------------------|------------|
| Output HP | 1.50 Hp | Output KW | 1.1 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 4.0/2.0 A | Speed | 3490 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 84 % | Duty | Continuous |
| Insulation Class | F | Design Code | B |
| KVA Code | M | Frame | 56C |
| 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 | Y |
| IP Code | 22 | | |

Technical Specifications

| | | | |
|-----------------------|------------------------------|-----------------------|------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 2 | Rotation | Reversible |
| Mounting | Rigid base | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Rolled Steel | Shaft Type | T |
| Overall Length | 11.87 in | Frame Length | 7.00 in |
| Shaft Diameter | 0.625 in | Shaft Extension | 1.88 in |
| Assembly/Box Mounting | F1 ONLY | | |
| Outline Drawing | 607-0193-700 | Connection Diagram | 005010.20 |

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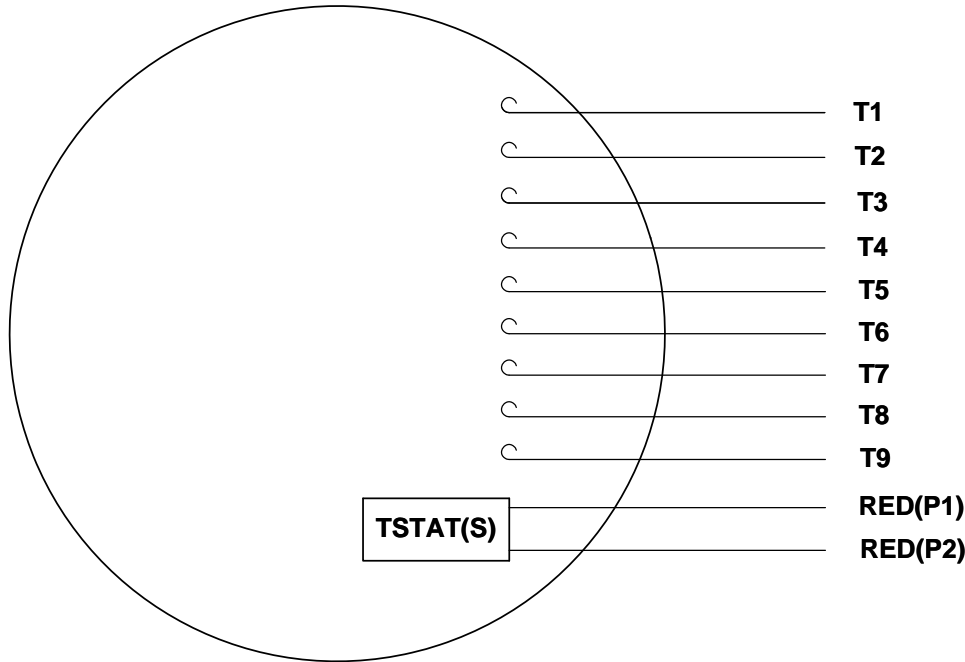


| DASH # | "C" | "AD" |
|--------|-------|------|
| 500 | 9.87 | 4.37 |
| 525 | 10.12 | 4.62 |
| 550 | 10.37 | 4.87 |
| 575 | 10.62 | 5.12 |
| 600 | 10.87 | 5.37 |
| 625 | 11.12 | 5.62 |
| 650 | 11.37 | 5.87 |
| 675 | 11.62 | 6.12 |
| 700 | 11.87 | 6.37 |
| 725 | 12.12 | 6.62 |
| 750 | 12.37 | 6.87 |
| 775 | 12.62 | 7.12 |
| 800 | 12.87 | 7.37 |
| 825 | 13.12 | 7.62 |
| 850 | 13.37 | 7.87 |
| 875 | 13.62 | 8.12 |

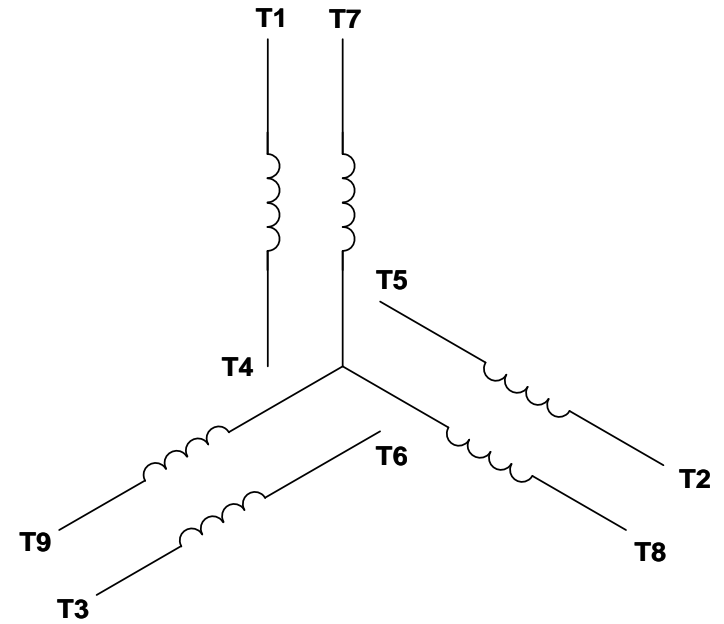
| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|----------------------------------------|
| DRAWING REVISION | REVISION BY | DATE | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| D | PVR | 03/03/15 | DEC. INCH. mm ANGLE |
| ECO | APPROVED BY | DATE | .X ±0.1 [±2.5] ±0.5° |
| ECO-0072895 | JD | 03/03/15 | .XX ±0.03 [±0.76] |
| ECO DESCRIPTION | | | XXX ±0.005 [±0.127] |
| ADDED TOL. TO AK DIM | | | XXXX ±0.0005 [±0.0127] |
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| | | | CORNER FILLETS: .02 [5.1] |
| | | | MACHINED SURFACES: 125/3.2 INCH/mm √ |
| | | | mm SHOWN IN [BRACKETS] |

| | | | |
|------------------------|----------|--------------------------------|-------------|
| DRAWN BY | DATE | DESCRIPTION | ORACLE REV. |
| PVR | 01/14/15 | Regal Beloit America, Inc. | 001 |
| APPROVED BY | DATE | OUTLINE | |
| JD | 01/14/15 | 56C FR. DRIP PROOF - RIGID "C" | |
| PROCESS/FINISH | MATERIAL | | |
| | | | |
| THIRD ANGLE PROJECTION | SIZE | DRAWING NUMBER | SHEET |
| | B | 607-0193 | 1 OF 1 |

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END. Uncontrolled Copy



LINE LEADS



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

DRAWING REVISION **G** REVISION BY **MVG** DATE **04/05/2017**

ECO **ECO-0121253** APPROVED BY **SM** DATE **04/05/2017**

ECO DESCRIPTION
ADDED P1 & P2 FOR TSTAT

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

| DEC. | INCH | mm | ANGLE |
|-------|---------|-----------|-------|
| .X | ±0.1 | [±2.5] | ±0.5° |
| .XX | ±0.01 | [±0.25] | |
| .XXX | ±0.005 | [±0.127] | |
| .XXXX | ±0.0005 | [±0.0127] | |

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/3.2 INCH/mm
mm SHOWN IN [BRACKETS]

DRAWN BY **DBT 12/16/97**

DATE

APPROVED BY **KH 12/17/97**

DATE

REFERENCE
THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3 PHASE WITH PROTECTOR

| | |
|----------------------------------------------------|-----------------------------------|
| MATERIAL DECAL - 004014 (TSTAT) - 080582 | PROCESS/FINISH STOCK |
| SIZE A | DRAWING NUMBER 00501020 |
| SHEET 1 OF 1 | |



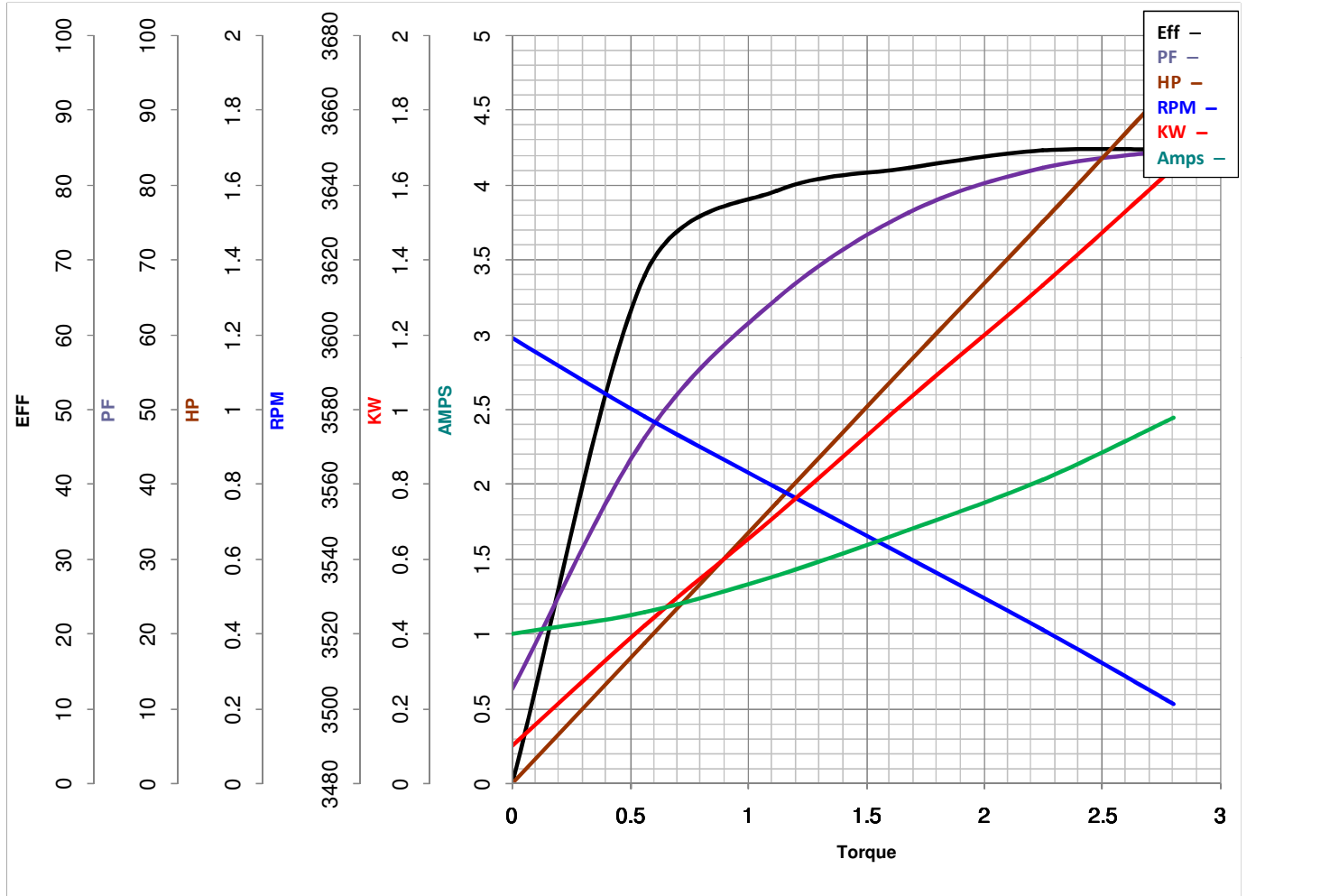
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No E116785.00

Curve at 460 Volts HP 1.5&1.5 PHASE 3
60 HZ
1.5 HP VOLTS 230/460&190/380

Catalog No E116785.00

HZ 60&50 RPM 3490&2890



| | | | | | |
|-----------|-------------|-------|-----------|------------|-------|
| FL TORQUE | <u>2.25</u> | Lb.Ft | FL AMPS | <u>4/2</u> | |
| BD TORQUE | <u>11.2</u> | Lb.Ft | PU TORQUE | <u>8.5</u> | Lb.Ft |
| LR TORQUE | <u>8.5</u> | Lb.Ft | LR AMPS | <u>21</u> | |
| WINDING | T632173-3 | | Date | 5/22/2018 | |