

PRODUCT INFORMATION PACKET



Model No: 182TTDR4048

Catalog No: U162

3 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 230/460 V, 182JPV Frame, ODP
Close-Coupled Pump Motors

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E

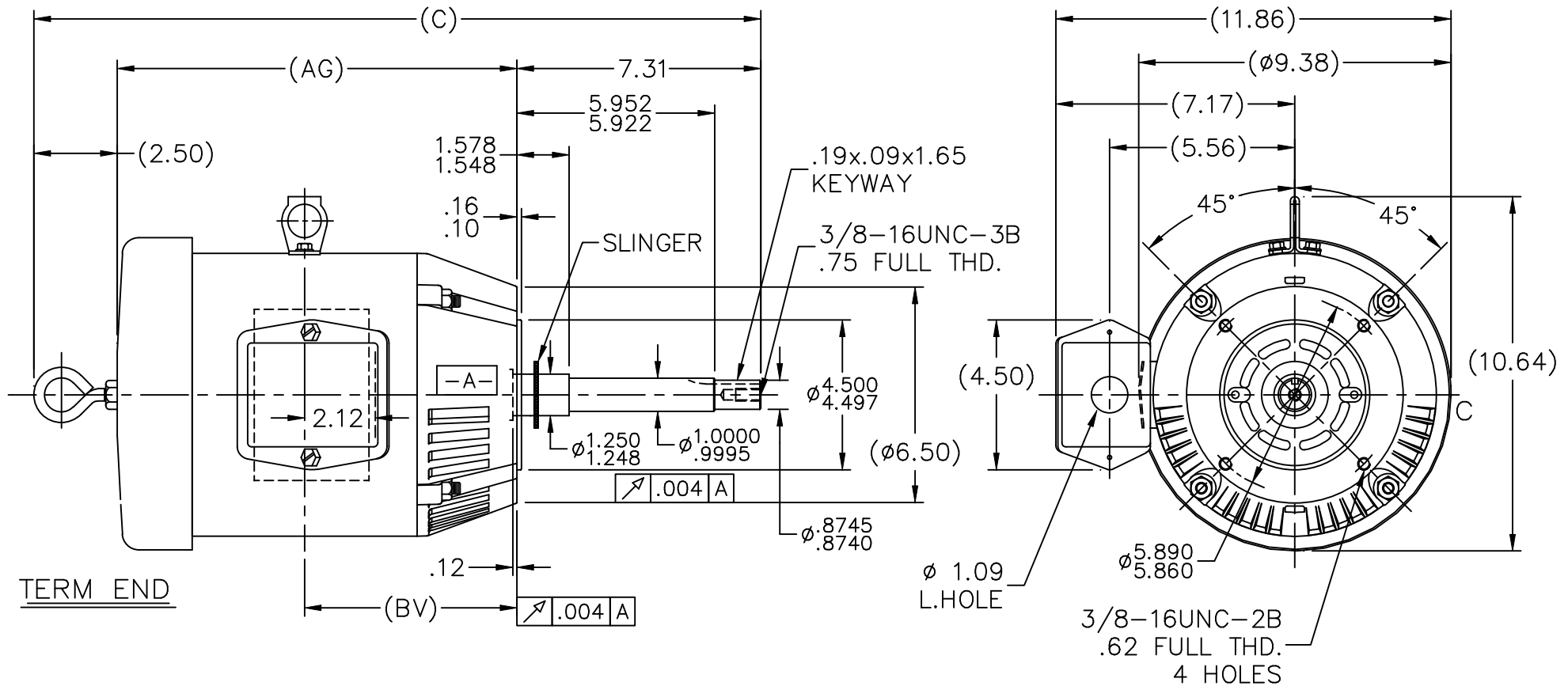


Nameplate Specifications

| | | | |
|------------------------|------------|----------------------------|------------|
| Output HP | 3 Hp | Output KW | 2.2 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 8.6/4.3 A | Speed | 1760 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 86.5 % | Power Factor | 77 |
| Duty | Continuous | Insulation Class | B |
| Design Code | B | KVA Code | K |
| Frame | 182JPV | Enclosure | Drip Proof |
| Thermal Protection | No | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6307 | Opp Drive End Bearing Size | 6205 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 22 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | 5.25 Ohms | Mounting | Round |
| Motor Orientation | Shaft Down | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | JP | Overall Length | 21.94 in |
| Frame Length | 6.75 in | Shaft Diameter | 0.875 in |
| Shaft Extension | 7.31 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Connection Drawing | A-EE7308 | Outline Drawing | A-SS67319-675 |



| DASH | FR. | C | AG | BV | |
|------|--------|-------|-------|------|--|
| 575 | 182T | 20.94 | 11.53 | 5.88 | |
| 675 | 182/4T | 21.94 | 12.53 | 6.38 | |
| 725 | 182/4T | 22.44 | 13.03 | 6.63 | |
| 775 | 182/4T | 22.94 | 13.53 | 6.88 | |
| 825 | 182/4T | 23.44 | 14.03 | 7.13 | |

NOTES:

- COND. BOX CAN BE ROTATED IN 90° STEPS.
- NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR LOCATED @ 'C'.

| | | | TOLERANCES UNLESS SPECIFIED | | | DRAWN MH 01-29-1997 | | |
|--|---|----------------|-----------------------------|-------|--------|---------------------|--------|---------------------|
| | | | ML | DEC. | INCHES | CHK | ML | 01-31-1997 |
| 8 | REVISE THE 'C' DIM AND DIM. LINE LOCATION ECN9276 | RWR 09-11-2006 | | .X | ±.1 | | APPD | GK 01-31-1997 |
| 7 | ADDED NEW LIFT LUG CN 34025 | DRS 08-22-2001 | | .XX | ±.03 | | SCALE | 7=32 |
| 6 | REVISED, -675 & -775 FR. WAS 184T CN27400-320 | CAE 11-02-1999 | | .XXX | ±.005 | | REF | |
| 5 | ADDED MOUNTING TYPE CN 27451 | DRS 05-03-1999 | | .XXXX | ±.0005 | | FMF | |
| 4 | REDRAWN ON CADD | MH 01-31-1997 | | ANG | ±7°30" | | PREV | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±7°30" | FINISH | | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | | | CAD FILE ss67319 | SIZE A | DRAWING NO. SS67319 |
| | | | | | | RFP | | PAGE OF |
| | | | | | | DIST LB | | REV. 8 |



| | | | | | | | | |
|--|--|----------------|---------|--------------------------------|-----------------|---|----------|--------------------------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | DRAWN RM | 11/20/1990 |
| 5 | CHG TO REGAL LOGO | SL 09/10/2015 | AB | DEC. | INCHES | | CHK ML | 11/21/1990 |
| 4 | REVISED IEC NOTATIONS | MSG 11/15/2011 | CMN | .X | ±.1 | | APPD SAS | 04/24/2003 |
| 3 | ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194 | MSG 5/10/2010 | MJS | .XX | ±.02 | | SCALE | 1=1 |
| 2 | ADDED THE OPTIONAL CORD CONNECTION MU46318 | RDH 04/24/2003 | DRS | .XXX | ±.005 | TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR | | REF |
| 1 | REDRAWN | RM 11/20/1990 | | .XXXX | ±.0005 | MAT'L. | | FMF |
| NO. | REVISION | BY & DATE | CHK | ANG | ±7"30" | FINISH | | PREV |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT | | | RFP | | CAD FILE ee7308 | | SIZE | DRAWING NO. PAGE OF REV. |
| | | | DIST WP | | | | A | EE7308 |