

# Split Phase Resilient Base Motors

## Belt Drive and Blower Applications

### Features:

- Class B Ins. (Class "A" see notes)
- Continuous Duty
- Energy Efficient \$ (see notes)
- Open and Enclosed
- Reversible
- Sleeve & Ball Bearing
- 60 HZ



800



ARS2020L

**Applications:** Centrifugal Pumps, Blowers, Fans

| HP   | RPM  | Volts       | Full Load Amps | Service Factor | Frame | Stock Number | Bearings | Protector | Approx. "C" | Dim. "AG" | Enclosure | Notes     |
|------|------|-------------|----------------|----------------|-------|--------------|----------|-----------|-------------|-----------|-----------|-----------|
| 1/12 | 1140 | 115         | 2.4            | 1.40           | 48Z   | BF20086      | Ball     | Auto      | 10.3        | 8.4       | Open D.P. | 1,26, 274 |
| 1/8  | 1140 | 115         | 3.0            | 1.40           | 48Z   | BF2006       | Ball     | Auto      | 10.8        | 8.8       | Open D.P. | 1,26, 274 |
|      | 850  | 115         | 4.4            | 1.40           | 56    | BF2008       | Ball     | Auto      | 11.1        | 9.1       | Open D.P. | 26        |
| 1/6  | 1725 | 115         | 4.9            | 1.35           | 48/56 | GF2014       | Sleeve   | Auto      | 8.9         | 7.3       | Open      | 92        |
|      |      | 115         | 4.4            | 1.35           | 48    | 800          | Sleeve   | None      | 9.5         | 8.0       | Open D.P. | 1         |
|      |      | 115         | 4.0            | 1.35           | 48    | RS2014L      | Sleeve   | None      | 8.9         | 7.3       | Open D.P. |           |
|      |      | 115         | 4.4            | 1.35           | 48Z   | 917          | Ball     | None      | 9.9         | 7.9       | Open D.P. | 1,91      |
|      |      | 115         | 3.9            | 1.35           | 48Z   | 917L         | Ball     | None      | 9.7         | 7.8       | Open D.P. | 91        |
|      |      | 115         | 4.9            | 1.35           | 48Z   | RB2014       | Ball     | Auto      | 9.3         | 7.4       | Open      | 274       |
|      |      | 115         | 4.9            | 1.35           | 56Z   | RS2014       | Sleeve   | Auto      | 9.6         | 7.6       | Open      | 295       |
|      | 1140 | 115/208-230 | 3.4/1.7-1.7    | 1.00           | 48Y   | ARB2014S     | Ball     | Auto      | 9.1         | 7.5       | TEAO      | 1,26      |
|      |      | 115/208-230 | 3.4/1.7-1.7    | 1.00           | 48Y   | ARB2014SL    | Ball     | None      | 9.1         | 7.5       | TEAO      | 1,26      |
|      |      | 115         | 3.8            | 1.00           | 56Z   | ARB2016M     | Sleeve   | Manual    | 10.4        | 8.4       | TEAO      | 26,141    |
|      |      | 115         | 3.1            | 1.35           | 48    | 815          | Sleeve   | Auto      | 10.4        | 8.8       | Open D.P. | 1         |
|      |      | 115         | 4.6            | 1.35           | 48Z   | 815V1        | Ball     | Auto      | 10.8        | 8.8       | Open D.P. | 26,274    |
|      |      | 115/208-230 | 4.6/2.2-2.3    | 1.00           | 48    | ARB2016S     | Ball     | Auto      | 9.5         | 7.9       | TEAO      | 1,26      |
|      |      | 115/208-230 | 4.6/2.2-2.3    | 1.00           | 48Y   | ARB2016SL    | Ball     | None      | 9.5         | 7.9       | TEAO      | 1,26      |
| 1/4  | 1725 | 115         | 5.5            | 1.00           | 48    | GF2020L      | Sleeve   | None      | 8.9         | 7.3       | Open      |           |
|      |      | 115         | 4.2            | 1.00           | 48    | ARS2020L     | Sleeve   | None      | 9.4         | 7.8       | TEAO      |           |
|      |      | 115         | 5.4            | 1.35           | 48/56 | GF2024       | Sleeve   | Auto      | 9.2         | 7.5       | Open D.P. | 92        |
|      |      | 115         | 4.1            | 1.35           | 48Z   | 920L         | Ball     | Auto      | 9.7         | 7.8       | Open D.P. | 91        |
|      |      | 115         | 5.4            | 1.35           | 48    | 838          | Sleeve   | Auto      | 9.5         | 8.0       | Open D.P. | 1         |
|      |      | 115         | 4.6            | 1.35           | 48Z   | 919L         | Ball     | None      | 9.6         | 7.6       | Open D.P. | 91        |
|      |      | 115         | 5.0            | 1.35           | 48    | RB2024       | Ball     | Auto      | 9.4         | 7.8       | Open D.P. |           |
|      |      | 115         | 3.6            | 1.00           | 48    | 904          | Ball     | Auto      | 10.4        | 8.8       | TENV      | 1         |
|      |      | 115         | 4.1            | 1.00           | 56Z   | ARB2024MV1   | Ball     | Auto      | 9.8         | 7.8       | TEAO      | 1,26,100  |
|      |      | 115         | 3.3            | 1.00           | 56Z   | ARB2024ML    | Ball     | Auto      | 9.7         | 7.8       | TEAO      | 26,100    |
|      |      | 115         | 5.4            | 1.35           | 56Z   | RS2026       | Sleeve   | Auto      | 9.2         | 7.5       | Open      | 307       |
|      |      | 115         | 4.3            | 1.00           | 56Z   | ARB2024M     | Sleeve   | Manual    | 10.1        | 8.1       | TEAO      | 26,100    |
|      | 1140 | 115/208-230 | 5.2/2.6        | 1.35           | 48/56 | GF2024D      | Sleeve   | Auto      | 9.2         | 7.5       | Open      | 92        |
|      |      | 115/208-230 | 5.2/2.6        | 1.35           | 48/56 | BF2024       | Ball     | Auto      | 9.2         | 7.5       | Open      | 92,99     |
|      |      | 115/208-230 | 3.3/1.7-1.7    | 1.00           | 48Y   | ARB2024L3    | Ball     | Auto      | 9.4         | 7.8       | TEAO      | 26        |
|      |      | 115/208-230 | 4.2/2.1-2.1    | 1.00           | 48Y   | ARB2024SL    | Ball     | None      | 9.5         | 7.9       | TEAO      | 1,26      |
|      |      | 115/208-230 | 3.3/1.7-1.7    | 1.00           | 48Y   | ARB2024L4    | Ball     | None      | 9.4         | 7.8       | TEAO      | 26        |
|      |      | 115         | 5.0            | 1.00           | 56    | F341         | Ball     | None      | 12.6        | 10.7      | TEFC      |           |
|      |      | 115         | 5.3            | 1.35           | 56    | RB2026L      | Ball     | None      | 10.8        | 8.8       | Open D.P. |           |
|      |      | 115         | 5.0            | 1.35           | 56    | F340         | Ball     | None      | 11.1        | 9.1       | Open D.P. |           |
|      |      | 115         | 5.6            | 1.35           | 56    | RB2026       | Ball     | Auto      | 10.8        | 8.8       | Open      | 26        |
|      |      | 115/208-230 | 5.8/2.7-2.9    | 1.00           | 48Y   | ARB2026S     | Ball     | Auto      | 10.0        | 8.4       | TEAO      | 1,26      |
|      |      | 115/208-230 | 5.8/2.7-2.9    | 1.00           | 48Y   | ARB2026SL    | Ball     | None      | 10.0        | 8.4       | TEAO      | 1,26      |

### Notes:

- Item to be discontinued when stock is depleted
- Extended thru bolts, shaft end only
- 5/8" extended thru bolts, 1-7/8" shaft length and 1/2" shaft dia.
- 48/56 FR = 1/2" x 1.5" Shaft with 5/8" shaft adapter - 48/56 slotted 3" height base
- 1/2" extended thru bolts, shaft end
- 1/2" diameter shaft
- Shaft diameter is 1/2, N=1.94 with .04 deep flat
- 48Z = 1/2 flat X 1.88 shaft, with 48 FR base
- 2" shaft length and 1/2" diameter shaft, sleeve and key adapter to 5/8"
- 1/2" shaft, sleeve and key adapter to 5/8" shaft

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### Shaft Dimensions

- 48 = 1/2" Flat x 1-5/8"  
56 = 5/8" Keyed x 1-7/8"

