FASCO
A Regal Beloit Company

Fasco Rewards
Distributor Newsletter

Developing Win-Win Partnerships through Knowledge and New Products

Volume 98 • January 2012

## Holiday/Non-Shipping Schedule for 2012

It's a new year, and 2012 is already off to a fast start! So this January issue of your *Fasco Rewards Distributor Newsletter* is the perfect time to share with you the remaining dates in 2012 that Fasco will be closed for business and will not be able to ship.

As always, please take these dates into consideration when placing your future orders:

**2011 Holiday/ Non-Shipping Dates:**

Friday, April 6.....Good Friday

Monday,
May 28th.....Memorial Day

Wednesday,
July 4th.....Independence Day

Monday,
September 3rd .....Labor Day

Thursday & Friday,
November 22 & 23....Thanksgiving

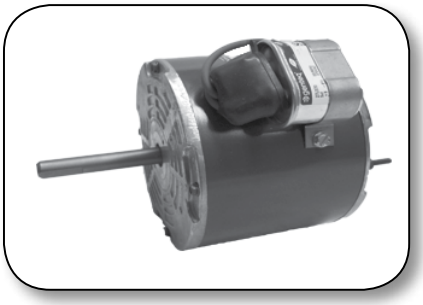
Monday & Tuesday,
December
24 & 25.....Christmas

# New Product News

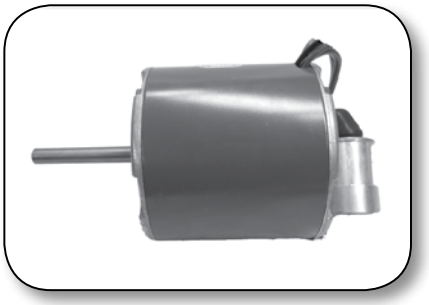
## Fasco Introduces New OEM Direct Replacement Motors for Manitowoc Brand Products

Fasco recently introduced seven new OEM direct replacement motors for Manitowoc Foodservice products. If you would like additional information, please contact your Fasco sales representative, or our Customer Service Department at 1-800-325-8313.

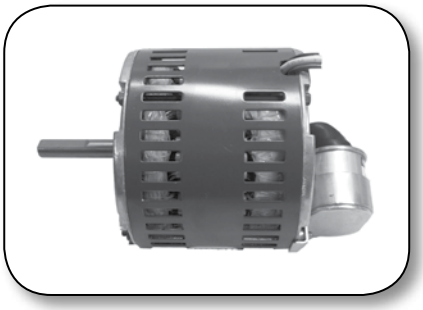
D753



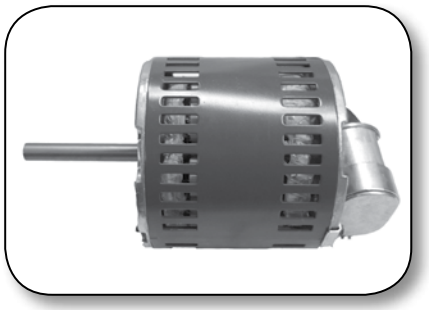
D759



D1026



D1029



D1031

### Manitowoc OEM Direct Replacements

| FASCO MODEL # | MANUFACTURE PART # | OEM PART # | DIA | HP | VOLTS | RPM | AMP | ROT | SPD | Hz | BRNG | CAP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **D1137*** | **71902831** | **2008253** | 3.3" | 1/20 | 208-230 | 1550 | .034 | CCW | 1 | 50/60 | BB | 3uF/370V |
| **D1143*** | **71902830** | **2008243** | 3.3" | 1/20 | 115 | 1550 | .09 | CCW | 1 | 60 | BB | 5uF/370V |
| **D1026** | **71870257** | **2009633** | 5.0" | 1/5 | 208-230 | 1050 | 1.5 | CW | 1 | 60 | BB | 3uF/370V |
| **D1031** | **71870263** | **2009663** | 5.0" | 1/5 | 208-230 | 1050 | 1.8 | CW | 1 | 50/60 | SLV | 3uF/370V |
| **D1029** | **71850274** | **2009653** | 5.0" | 1/8 | 208-230 | 1350/1620 | 0.8 | CW | 1 | 50/60 | SLV | 5uF/370V |
| **D753** | **71264871** | **2009673** | 5.6" | 1/8 | 208-230 | 1075 | 1.0 | CCW | 1 | 50/60 | BB | 5uF/370V |
| **D759** | **71265053** | **2009683** | 5.6" | 1/8 | 115 | 1075 | 2.7 | CCW | 1 | 60 | BB | 5uF/370V |

** Picture not shown.*

## Congratulations to the Latest Gift Card Recipients in the New Fasco Rewards Program

Congratulations to the following Fasco Rewards Program participants who will receive $100, $75 or $50 gift cards from our October test drawing! Take the Fasco Rewards Test this month, and your name may be listed in the next issue!

- Tom Atcheson
- Bob Berding
- Steve Bliss
- Tawanna Cooper
- Mike Dreisilker
- Jim Dunn
- Regina Ginez
- Guy Giudici
- Bret Graham
- Chris Knight
- Marc Leick
- Karen Melvin
- Daryl Poynter
- Mike Proffer
- William Roser
- Chris Schroeder
- Ken Shields
- Vicki Swenson
- Curt Williams
- Daniel Williams
- Betty Willis

**PLEASE NOTE:**
**All gift cards need to be used within 12 months.**

## *Answers to October 2011 Fasco Rewards Test*

1. C – 6200
2. D – All of the above
3. A – D882
4. B – Heat and moisture
5. B – False
6. D – All of the above
7. A – D156
8. C – 3000
9. A – True
10. C – Both of the above

# Tech Tips

## The Importance of Proper Lubrication – and Mounting – of Motors with Rigid Sleeve Bearings

Babbitt-lined, steel-backed sleeve bearings are quiet, long life bearings capable of operating heavier direct drive air moving loads. They are most frequently used in motors with diameters exceeding 5". They're also very popular in 48 Frame motors because of their long life and hefty load carrying capacity.

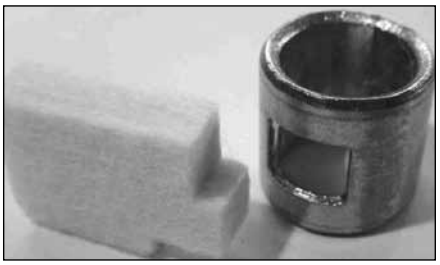
These bearings are pressed into a die-cast end shield for maximum support and heat dissipation. Due to the solid contact with the end shield, they dissipate heat better than self-aligning bearings.

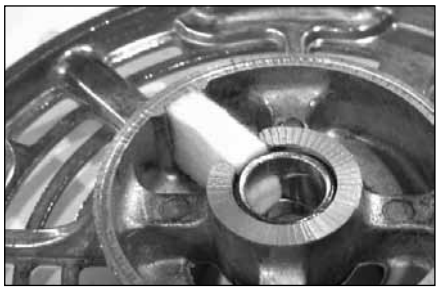
In rigid bearing systems, oil is transferred from the oil reservoir to the shaft surface by a felt wick that extends through a window in the bearing, typically known as a wick window. The wick allows the oil to flow from the reservoir, through the wick, to the shaft surface. As the shaft rotates, a lubricating film is developed between the shaft and bearing.

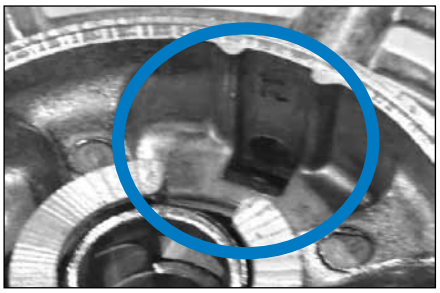
The system also includes an oil slinger (rubber washer) to return any oil that travels down the shaft to the reservoir. The slinger is ineffective at speeds below 500 RPM because oil can seep out between the shaft and bearing, causing severe loss of lubricant. Wind milling (which happens, for example, when a warehouse side wall ventilator, while shut off, slowly spins due to outside wind blowing through it) may actually deplete the oil from a bearing system in a short period of time.

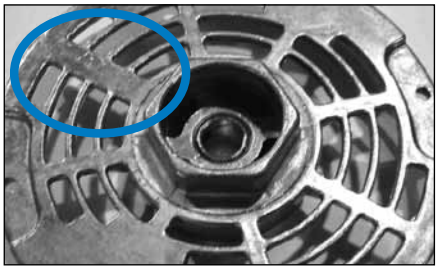
Rigid sleeve bearings also introduce one limit to "All Angle" mounting. The surface area of the bearing is reduced at the window location, which also reduces the load capacity in this quadrant of the bearing. Therefore, extreme care should be taken to avoid loading the motor in the direction of the wick window. This includes mounting the motor with the windows in the downward position in a shaft horizontal fan unit. Doing so can reduce the life of the motor significantly.

The wick window is located at the re-oiling location. If the motor does not include an oil hole or removable plug, the wick window is located at the end of the widest rib in the motor end bracket. The general rule of thumb is to be certain to mount the motor in the unit so the oil hole or widest rib is always within 60 degrees of straight up.









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