

CIRCULATORS Lead-Free Wet Rotor Circulators for Potable Water / NBF & SSF

Description

A residential or light commercial, maintenance-free, in-line, lead-free* bronze or stainless steel, wet rotor circulator for potable water systems and other applications. Flanged, union or sweat models available. UL and cUL listed.

Operating Data

Maximum Working Pressure: 150 PSI (10 bar)

Maximum Operating Temperature:

NBF-25, NBF-33, NBF-36, NBF-45: 225°F (107°C)

All Others: 230°F (110°C)

Materials of Construction

Pump Body NBF: 100% Lead-Free* Bronze

SSF: Stainless Steel

Impeller: Noryl

Shaft: Ceramic

Bearings: Double-Sintered Carbon

Warranty

Bell & Gossett offers a warranty of three years from date of manufacture or 18 months from date of installation (which ever comes first) against failure as a result of defects in materials and workmanship.

*CSA certified to NSF/ANSI 372 that product contains less than 0.25% lead content by weight on wetted surface.



SSF-9



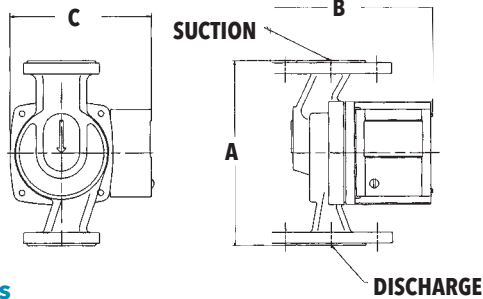
NBF-9

Cross Reference

| BELL & GOSSETT | GRUNDFOS* | TACO** |
|----------------|------------|--------|
| NBF-8S/LW | UM 15-10B5 | 003B |
| NBF-9U/LW | UP 15-18SU | 006B |
| NBF-10S/LW | UP 15-18B5 | 006B |
| NBF-12U/LW | UP 15-42SU | 005B |
| NBF-12F/LW | UP 15-42SF | 005B |
| NBF-18S | UP 15-42B5 | - |
| NBF-22U | UP 25-64SU | 007B |
| NBF-22 | UP 25-64SF | 007B |
| SSF-22 | UP25-64SF | 007B |
| NBF-25 | UPS15-58 | 00R-MS |
| NBF-33 | - | 0010B |
| NBF-36 | UP26-96BF | 0011B |
| | UP26-99BF | 0013B |
| | UP26-64SF | 0014B |
| NBF-45 | UP43-75BF | - |

*Grundfos is a registered trademark of Grundfos Pumps Corp.

**Taco is a registered trademark of Taco, Inc.



Specifications

| Model Number | Part Number | Connections | Dimensions Inches (mm) | | | Standard 60 Cycle Motor Characteristics* | | | | | Shipping Weight lbs. (Kg) |
|--------------|-------------|-----------------------------|------------------------|--------------|-------------|--|------|-----------|-----------|------|---------------------------|
| | | | A | B | C | Watts | Ø | Volts | F.L. Amps | RPM | |
| NBF-8S/LW | 103257LF | 1/2" Sweat | 5 (127) | 5 7/32 (132) | 4 7/8 (124) | 39 | 1 | 115 | 0.39 | 2800 | 9.0 (4.1) |
| NBF-9U/LW | 103258LF | Union** | 6 1/8 (156) | 5 1/16 (129) | 4 7/8 (124) | 41 | | | 0.40 | | 9.3 (4.2) |
| NBF-10S/LW | 103259LF | 1/2" Sweat | 5 (127) | 5 7/32 (132) | 4 7/8 (124) | 55 | | | 0.46 | | 9.0 (4.1) |
| NBF-12F/LW | 103260LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 5 9/16 (141) | 4 7/8 (124) | 55 | | | 0.48 | | 9.5 (4.3) |
| NBF-12U/LW | 103261LF | Union** | 6 1/8 (156) | 5 1/16 (129) | 4 7/8 (124) | 55 | | | 0.48 | | 9.3 (4.2) |
| NBF-18S | 103316LF | 1/2" Sweat | 5 (127) | 5 7/32 (132) | 4 7/8 (124) | 90 | | | 0.74 | 3000 | 9.0 (4.1) |
| NBF-22 | 103252LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 5 9/16 (141) | 4 7/8 (124) | 92 | | | 0.80 | 2940 | 9.5 (4.3) |
| NBF-22U | 103255LF | Union** | 6 1/8 (156) | 5 1/16 (129) | 4 7/8 (124) | 92 | | | 0.80 | | 9.3 (4.2) |
| NBF-25 | 103418LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 6 3/16 (157) | 5 1/8 (130) | 125 | | | 1.10 | 2950 | 10.4 (4.7) |
| NBF-33 | 103351LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 6 3/16 (157) | 5 1/8 (130) | 125 | | | 1.10 | | 10.4 (4.7) |
| NBF-36 | 103401LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 6 7/8 (175) | 5 3/4 (146) | 270 | | | 2.30 | 3300 | 13.1 (6.0) |
| NBF-45 | 103405LF | Flange 1, 1 1/4, 1 1/2 | 8 1/2 (216) | 7 3/8 (187) | 5 3/4 (147) | 270 | | | | | 14.5 (6.6) |
| SSF-9U/LW | 103360LF | Union** | 6 1/8 (156) | 5 1/16 (129) | 4 7/8 (124) | 41 | | | 0.40 | 2800 | 9.3 (4.2) |
| SSF-12F/LW | 103358LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 5 9/16 (141) | 4 7/8 (124) | 55 | | | 0.48 | | 9.5 (4.3) |
| SSF-12U/LW | 103361LF | Union** | 6 1/8 (156) | 5 1/16 (129) | 4 7/8 (124) | 55 | | 9.3 (4.2) | | | |
| SSF-22 | 103357LF | Flange 3/4, 1, 1 1/4, 1 1/2 | 6 3/8 (162) | 5 9/16 (141) | 4 7/8 (124) | 92 | 0.80 | 2940 | 9.5 (4.3) | | |
| SSF-22U | 103362LF | Union** | 6 1/8 (156) | 5 1/16 (129) | 4 7/8 (124) | 92 | | | 9.3 (4.2) | | |

* Impedance protected

** Union Connections are available in 3/4" NPT, 1/2" sweat & 3/4" sweat.