







Output Selection Instructions: 110/220VAC Systems

| | |
|---|--|
| 1 | Gather list of all lubrication points based on the respective bearing's ID in inches and number of rows. |
| 2 | Determine the largest bearing. |
| 3 | Locate closest bearing ID in Bearing ID column. |
| 4 | Start in "Timer 3" column (Factory default for 110/220VAC Systems). |
| 5 | IF there are any blank for any of the machines bearing ID's, adjust timer setting to appropriate Timer column to ensure no bearing points are blank. |
| 6 | <p>IF by adjusting the timer setting there are still blanks present, contact Groeneveld-BEKA.</p> <ul style="list-style-type: none"> Multiple Timer settings cannot be selected at once. All SFi systems come standard with blue pumping elements. For 110/220VAC systems the easiest way to decrease/increase output is to change pumping elements. Alternatively, you can achieve desired lubrication amount by adjusting the timer settings via dip switches. See SFi Manual. |

- Pumping element recommendation based on factory timer setting and NLGI# 2 (non-moly) grease. Recommendations are based on the minimum amount of grease (cc's) that are needed to lubricate the bearing based on the ID (or shaft diameter) and number of rows (single or double).
- A lighter shade of color represents minimum amount of lubrication needed whereas the darker shade of color represents more lubrication.
- All SFi systems are assembled with blue pumping elements (0.040cc/stroke)

| MultiLine SFi: Pumping Elements (sold in packs of 3) | | |
|--|------------|---|
|  | MSF-P-R010 | Red Pumping Element (0.010cc/stroke) |
|  | MSF-P-G015 | Green Pumping Element (0.015cc/stroke) |
|  | MSF-P-Y025 | Yellow Pumping Element (0.025cc/stroke) |
|  | MSF-P-B040 | Blue Pumping Element (0.040cc/stroke) |
|  | MSF-P-G060 | Gray Pumping Element (0.060cc/stroke) |
|  | MSF-P-B100 | Black Pumping Element (0.100cc/stroke) |
| Contact your Groeneveld-Beka Sales Representative | | |

Examples

1

SFi 110/220VAC Systems

Bearing #1 ID: 5"

Number of Rows: 1
Timer Column: #3
Pumping Element: Black

Bearing #2 ID: 3.5"

Number of Rows: 1
Timer Column: #3
Pumping Element: Blue

Recommended Action:

- Order black pumping elements (MSF-P-B100) for the 5" bearing
- Use existing blue pumping elements (MSF-P-B040) for the 3.5" bearings

2

SFi 110/220VAC Systems

Bearing #1 ID: 2.5"

Number of Rows: 1
Timer Column: #3
Pumping Element: Blue

Bearing #2 ID: 2"

Number of Rows: 1
Timer Column: #3
Pumping Element: Blue

Recommended Action:

- Use existing blue pumping elements for both the 2" and 2.5" bearings

MultiLine Output Selector: 110/220VAC Systems

| Bearing ID (Inches) | Single Row Bearings | | | | Double Row Bearings | | | |
|------------------------|---------------------|---------|---------|---------|---------------------|---------|---------|---------|
| | Timer 1 | Timer 2 | Timer 3 | Timer 4 | Timer 1 | Timer 2 | Timer 3 | Timer 4 |
| | 12 min | 21 min | 36 min | 66 min | 12 min | 21 min | 36 min | 66 min |
| 0.25 | | | | | | | | |
| 0.5 | | | | | | | | |
| 0.75 | | | | | | | | |
| 1 | | | | | | | | |
| 1.25 | | | | | | | | |
| 1.5 | | | | | | | | |
| 1.75 | | | | | | | | |
| 2 | | | | | | | | |
| 2.25 | | | | | | | | |
| 2.5 | | | | | | | | |
| 2.75 | | | | | | | | |
| 3 | | | | | | | | |
| 3.25 | | | | | | | | |
| 3.5 | | | | | | | | |
| 3.75 | | | | | | | | |
| 4 | | | | | | | | |
| 4.25 | | | | | | | | |
| 4.5 | | | | | | | | |
| 4.75 | | | | | | | | |
| 5 | | | | | | | | |
| 5.25 | | | | | | | | |
| 5.5 | | | | | | | | |
| 5.75 | | | | | | | | |
| 6 | | | | | | | | |
| 6.25 | | | | | | | | |
| 6.5 | | | | | | | | |
| 6.75 | | | | | | | | |
| 7 | | | | | | | | |
| 7.25 | | | | | | | | |
| 7.5 | | | | | | | | |
| 7.75 | | | | | | | | |
| 8 | | | | | | | | |
| 8.25 | | | | | | | | |
| 8.5 | | | | | | | | |
| 8.75 | | | | | | | | |
| 9 | | | | | | | | |
| 9.25 | | | | | | | | |
| 9.5 | | | | | | | | |
| 9.75 | | | | | | | | |
| 10 | | | | | | | | |

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Groeneveld-BEKA systems and services reduce operational costs for customers, while increasing equipment uptime, productivity, efficiency and safety: this is what it is all about at Groeneveld-BEKA.

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