

| PARTS LIST |            | SWW NON-CLOG PUMP                        |      |                           |          | 11/6/2023                  |
|------------|------------|------------------------------------------|------|---------------------------|----------|----------------------------|
| ITEM       | PART No.   | DESCRIPTION                              | QTY  | SIZE                      | MATERIAL | NOTES                      |
| 1          | 140-427-17 | Hex.Bolt (w/Plain Washer)                | 2    | M5x15                     | SUS304   |                            |
| 2          | 003-190-10 | Gland                                    | 1    |                           | SUS316   |                            |
| 3          | 001-012-16 | Cabtyre Cable Set (32') 115V-60Hz        | 1    | VCT3Cx2mm2                | S        |                            |
|            | 001-012-17 | Cabtyre Cable Set (50') OPTION           | 1    | VCT3Cx2mm2                | S        | 50' OPTION; 115V NEMA plug |
|            | 001-443-31 | Cabtyre Cable Set (32') 230V-60Hz        | 1    | VCT3Cx2mm2                | S        |                            |
|            | 001-443-44 | Cabtyre Cable Set (50') OPTION           | 1    | VCT3Cx2mm2                | S        | 50' OPTION; no plug (230V) |
| 4          | 072-120-26 | Eye Bolt                                 | 2    | M6                        | SUS304   |                            |
| 5          | 140-022-18 | Hex.Bolt                                 | 4    | M5x25                     | SUS304   |                            |
| 6          | 051-156-13 | Head Cover                               | 1    |                           | FC       |                            |
| 7          | 121-002-04 | Packing                                  | 1    | S-400/4-N(ROHS)           | NBR      | *                          |
| 8          | 143-085-21 | Pan Screw (w/Spring Washer)              | 1    | M4x6                      | SWRM     |                            |
| 9          | 009-292-11 | Earth Terminal                           | 1Set | 1.25mm2x140L              |          |                            |
| 10         | 009-120-17 | Terminal                                 | 1    | 1-SD                      | CU       |                            |
| 11         | 181-072-10 | Cable Tie                                | 4    | T18S,80Lx2.2Bx16D         | Nylon    |                            |
| 12         | 076-000-67 | Capacitor                                | 1    | 240MF-160VAC              |          |                            |
| 13         | 143-086-22 | Pan Screw (w/Spring Washer)              | 1    | M4x8                      | SWRM     |                            |
| 14         | 127-001-11 | Capacitor Fixing Plate                   | 1    | TKN2-820S                 | SPC      |                            |
| 15         | 016-000-21 | Protection Bush                          | 3    | S-400,d13.5,ROHS          | NBR      |                            |
| 16         | 009-002-53 | Intermediate Lead Wire                   | 1    | 1.25mm2x160L(White)       |          |                            |
| 17         | 143-126-38 | Pan Screw (w/Spring Washer/Plain Washer) | 2    | M4x12                     | SWRM     |                            |
| 18         | 053-002-43 | Motor Protector 115V-60Hz(USA)           | 1    | KA112-ABVL17<UL>          | (H.C)    |                            |
| 18         | 053-002-44 | Motor Protector 230V-60Hz(USA)           | 1    | KA112-BATL09<UL>          | (H.C)    |                            |
| 19         | 050-001-53 | Motor Bracket                            | 1    |                           | FC200    |                            |
| 20         | 142-194-18 | Wave Washer                              | 1    | 6203                      | SK5      |                            |
| 21         | 052-000-58 | Bearing changed to 801052102179 is       | 1    | 6203ZZC3(EA7)             |          |                            |
| 21         | 052-102-17 | Bearing                                  | 1    | 6203ZZC3                  |          |                            |
| 22         | 061-152-10 | Bearing Collar                           | 1    | d17.1xd23x1.6t            | SPC      |                            |
| 23         | 009-000-64 | Intermediate Lead Wire                   | 1    | 1.25mm2x170L(Blue)        |          |                            |
| 24         | 143-076-29 | Pan Screw (w/Spring Washer)              | 2    | M3x6                      | SWRM     |                            |
| 25         | 077-000-03 | Centrifugal Switch(stationary part)      | 1    | GS-202C(d18)              |          |                            |
| 26         | 143-015-17 | Pan Screw                                | 2    | M4x10                     | SWRM     |                            |
| 27         | 009-002-39 | Intermediate Lead Wire                   | 1    | 1.25mm2x170L(Black)       |          |                            |
| 28         | 056-011-17 | Stator 115V-60Hz(USA)                    | 1Set |                           |          |                            |
| 28         | 056-011-18 | Stator 230V-60Hz(USA)                    | 1Set |                           |          |                            |
| 29         | 055-004-10 | Rotor                                    | 1Set | w/Bearing w/rotating part |          |                            |
| 30         | 147-115-10 | Impeller Key                             | 1    | 5x5x15.5L                 | SUS403   |                            |
| 31         | 064-320-10 | Motor Frame                              | 1    |                           | FC       |                            |
| 32         | 122-001-09 | O-Ring                                   | 1    | G-115( 114.4xd3.1)UL      | NBR      | *                          |

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| 33         | 122-001-08 | O-Ring                             | 1    | G-85( 84.4xφ3.1)UL | NBR          | *         |
| 34         | 061-158-16 | Bearing Collar                     | 1    | d20.1xd28x1.6t     | SPC          |           |
| 35         | 052-000-61 | Bearing changed to 801052107129 is | 1    | 6304ZZC3(EA7)      |              |           |
| 35         | 052-107-12 | Bearing                            | 1    | 6304ZZC3           |              |           |
| 36         | 140-000-23 | Hex.Bolt (w/Spring Washer)         | 2    | M5x10              | SWRM         |           |
| 37         | 062-187-17 | Bearing Fixing Washer              | 2    | d5.5xd18x2.3t      | SPC          |           |
| 38         | 060-261-10 | Bearing Housing                    | 1    |                    | FC           |           |
| 39         | 140-056-11 | Hex.Bolt                           | 3    | M8x30              | SUS304       |           |
| 40         | 140-021-17 | Hex.Bolt                           | 4    | M5x20              | SUS304       |           |
| 41         | 025-000-91 | Mechanical Seal                    | 1    | H-20(ROHS)(E)      | SIC          |           |
| 42         | 143-070-23 | Pan Screw                          | 2    | M5x6               | SWRM         |           |
| 43         | 030-144-13 | Oil Lifter                         | 1    | H-20(A)(T)         | Resin        |           |
| 44         | 143-070-10 | Pan Screw                          | 2    | M5x6               | SWRM         |           |
| 45         | 030-153-15 | Seal Stopper                       | 1    | H-20(A)            | SPCC         |           |
| 46         | 122-072-17 | O-Ring                             | 1    | P-140(139.6xd5.7)  | NBR          | *         |
| 47         | 046-107-13 | Air Release Valve                  | 1    | PT-1/2             | Nylon        |           |
| 48         | 035-112-17 | Oil Plug                           | 1    | M8x12              | SUS304       |           |
| 49         | 121-248-13 | Packing                            | 1    | d8.2xd13.5x2t      | Polyethylene | *         |
| 50         | 020-610-14 | Pump Casing                        | 1    | 8-BEH2             | FC           |           |
| 51         | 026-107-11 | Oil Seal                           | 1    | TC-32488           | NBR          |           |
| 52         | 040-104-25 | Impeller Shim                      |      | d18.2xd29x0.3t     | SUS304       |           |
| 53         | 021-731-15 | Impeller (60Hz)                    | 1    | 50B2.75S-63        | FC           |           |
| 54         | 142-165-10 | Spring Washer                      | 1    | M12                | SUS304       |           |
| 55         | 141-118-15 | Hex.Cap Nut                        | 1    | M12(H=15.5)        | SUS304       |           |
| 56         | 120-145-16 | Packing (S.Cover)                  |      | d112xd129x0.3t     | Polyethylene |           |
| 57         | 022-569-13 | Suction Cover                      | 1    | 8-BE2              | FC200        |           |
| 58         | 140-475-10 | Hex.Bolt (w/Spring Washer)         | 3    | M8x16              | SUS304       |           |
| 59         | 023-001-25 | Strainer Stand                     | 1    | No.1(8-BE2/CE2)    | FC           |           |
| 60         | 140-476-11 | Hex.Bolt (w/Spring Washer)         | 3    | M8x25              | SUS304       |           |
|            | 037-117-18 | Discharge Bend                     | 1    | 50mm(122-16)       | FC           |           |
|            | 140-078-19 | Hex.Bolt                           | 4    | M10x35             | SUS304       |           |
|            | 121-142-16 | Packing                            | 1    | 90mm2(P.C.98)      | NBR          | *         |
|            | 048-136-17 | Screwed Flange                     | 1    | NPT-2(P.C.140)     | FC           |           |
|            | 140-099-16 | Hex.Bolt                           | 2    | M12x40             | SUS304       |           |
|            | 121-509-15 | Packing                            | 1    | MBT(P.C.140)       | NR           | *         |
|            | 173-004-05 | <b>Packing O-Ring Set</b>          | 1Set | (Marked by *)      |              |           |
| 7          | 121-002-04 | Packing (Head Cover/M.Frame)       | 1    | S-400/4-N.(ROHS)   | NBR          | *         |

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| 32         | 122-001-09 | O-Ring (M.Frame/Brg.Housing)  | 1   | G-115(114.4xd3.1)      | NBR          | *         |
| 33         | 122-001-08 | O-Ring (M.Frame/Brg.Housing)  | 1   | G-85(84.4xd3.1)        | NBR          | *         |
| 46         | 122-072-17 | O-Ring (Brg.Housing/P.Casing) | 1   | P-140(139.6xd5.7)      | NBR          | *         |
| 49         | 121-248-13 | Packing (Oil Plug)            | 1   | d8.2xd13.5x2t          | Polyethylene | *         |
|            | 121-509-15 | Packing (Screwed Flange)      | 1   | MBT(P.C.140)           | NR           | *         |
|            | 121-142-16 | Packing (Discharge Bend)      | 1   | 90mm2(P.C.98)          | NBR          | *         |
|            |            | Lubricant                     |     | Turbine Oil VG32 590ml |              |           |
|            |            |                               |     |                        |              |           |

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## EXPLODED VIEW

