

| PARTS LIST |            | SEWER & WASTEWATER PUMPS               |      |                                     |          | 1/13/2022                     |
|------------|------------|----------------------------------------|------|-------------------------------------|----------|-------------------------------|
| ITEM       | PART No.   | DESCRIPTION                            | QTY  | SIZE                                | MATERIAL | NOTES                         |
| 1          | 001-010-78 | Cabtyre Cable Set (20') 120V-60Hz(USA) | 1    | STOW3x1.25mm2(CSA)                  | LB       | replaces OLD part# 001-943-36 |
|            | 001-004-33 | Cabtyre Cable Set (20') 220V-60Hz(USA) | 1    | STOW3x1.25mm2                       | LB       |                               |
| 2          | 140-427-17 | Hex.Bolt (w/Plain Washer)              | 2    | M5x15                               | SUS304   |                               |
| 3          | 003-190-10 | Gland                                  | 1    |                                     | SUS316   |                               |
| 4          | 140-253-10 | Hex.Socket Cap Bolt                    | 2    | M6x25                               | SUS304   |                               |
| 5          | 068-146-38 | Handle                                 | 1    | A                                   | Resin    |                               |
| 6          | 140-396-16 | Hex.Bolt (w/Plain Washer)              | 3    | M6x20                               | SUS304   |                               |
| 7          | 051-000-28 | Motor Head Cover                       | 1    |                                     | FC       |                               |
| 8          | 121-000-84 | Packing                                | 1    |                                     | NBR      | *                             |
| 9          | 076-000-34 | Capacitor 120V-60Hz(USA)               | 1    | SH-CAP,32MF-270VAC(three terminals) |          |                               |
|            | 076-000-07 | Capacitor 220V-60Hz(USA)               | 1    | SH-Z,10MF-500VAC(three terminals)   |          |                               |
| 10         | 050-486-12 | Motor Bracket                          | 1    |                                     | SECD     |                               |
| 11         | 009-001-16 | Earth Terminal                         | 1Set | UL1015-AWG18,G/Y,L=132              |          |                               |
| 12         | 143-086-35 | Pan Screw (w/Spring Washer)            | 1    | M4x8                                | C3604    |                               |
| 13         | 142-451-16 | Wave Washer                            | 2    | 6201(D=32,t=0.25)                   | SUP      |                               |
| 14         | 052-100-15 | Bearing                                | 1    | 6201ZZC3                            |          |                               |
| 15         | 055-000-29 | Rotor                                  | 1Set | w/Bearing                           |          |                               |
| 16         | 061-180-17 | Bearing Collar                         | 1    | d15.1xd20x1.6t                      | SS       |                               |
| 17         | 052-101-16 | Bearing                                | 1    | 6202ZZC3                            |          |                               |
| 18         | 056-004-04 | Stator 120V-60Hz(USA)                  | 1Set | w/Miniature Protector               |          |                               |
|            | 056-004-05 | Stator 220V-60Hz(USA)                  | 1Set | w/Miniature Protector               |          |                               |
| 19         | 064-000-71 | Motor Frame                            | 1    |                                     | FC       |                               |
| 20         | 025-291-10 | Mechanical Seal                        | 1    | W-14VL                              | SiC+CCBN |                               |
| 21         | 030-000-09 | Oil Lifter                             | 1    | W-14VL                              | Resin    |                               |
| 22         | 122-133-17 | O-Ring                                 | 1    | G-110(109.4xd3.1)                   | NBR      | *                             |
| 23         | 140-056-11 | Hex.Bolt                               | 3    | M8x30                               | SUS304   |                               |
| 24         | 029-000-58 | Oil Casing                             | 1    | HS2.4(S)-52/62                      | FC       |                               |
| 25         | 121-246-11 | Packing                                | 1    | d10.3xd16x2t                        | PE       | *                             |
| 26         | 035-124-12 | Oil Plug                               | 1    | M10x15                              | SUS304   |                               |
| 27         | 121-000-20 | Packing                                | 1    | HS-4E                               | NR       | *                             |
| 28         | 140-256-13 | Hex.Socket Cap Bolt                    | 3    | M6x35                               | SUS304   |                               |
| A          | 122-441-11 | V-Ring                                 | 1    | VR-14                               | NBR      |                               |
| 29         | 071-292-14 | Shaft Sleeve                           | 1    | LB3-250/480                         | SUS304   |                               |
| 30         | 142-354-18 | Conical Spring Washer                  | 1    | d11.2xd22.5x0.8t                    | SUS304   |                               |
| 31         | 021G2629   | Impeller (60Hz)                        | 1    | 50UT2.4S-61                         | Resin    |                               |
| 32         | 142-127-10 | Plain Washer                           | 1    | M8                                  | SUS304   |                               |
| 33         | 141-005-18 | Hex.Nut                                | 1    | M8                                  | SUS304   |                               |
| 34         | 020-001-85 | Pump Casing                            | 1    | 40UT2.4S-51/61                      | FC       |                               |

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| 35         | 140-059-14 | Hex.Bolt                     | 2    | M8x45                  | SUS304   |           |
| 36         | 048-180-16 | Screwed Flange               | 1    | NPT-2(P.C.84)          | FC       |           |
| 37         | 121-138-19 | Packing                      | 1    | LB(P.C.84)             | NBR      | *         |
| 38         | 141-005-18 | Hex.Nut                      | 2    | M8                     | SUS304   |           |
|            | 173-001-35 | <b>Packing O-Ring Set</b>    | 1Set | (Marked by *)          |          |           |
| 8          | 121-000-84 | Packing (Head Cover/M.Frame) | 1    |                        | NBR      | *         |
| 22         | 122-133-17 | O-Ring (M.Frame/O.Casing)    | 1    | G-110(109.4xd3.1)      | NBR      | *         |
| 25         | 121-246-11 | Packing (Oil Plug)           | 1    | d10.3xd16x2t           | PE       | *         |
| 27         | 121-000-20 | Packing (O.Casing/P.Casing)  | 1    | HS-4E                  | NR       | *         |
| 37         | 121-138-19 | Packing (Hose Coupling)      | 1    | LB(P.C.84)             | NBR      | *         |
|            |            | Lubricant                    |      | Turbine Oil VG32 160ml |          |           |

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## EXPLODED VIEW

50UT2.4S-61

