

| PARTS LIST |            | SEWAGE & WASTEWATER PUMP           |      |  | 2/4/2022 |       |
|------------|------------|------------------------------------|------|--|----------|-------|
| ITEM       | PART No.   | DESCRIPTION                        | QTY  | SIZE                                   | MATERIAL | NOTES |
| 1          | 001-471-12 | Cabtyre Cable Set (32') 110V (USA) | 1    | VCT3Cx2.0mm2                           | LB       |       |
|            | 001-443-31 | Cabtyre Cable Set (32') 220V (USA) | 1    | VCT3Cx2.0mm2                           | 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          | 051-000-40 | Motor Head Cover                   | 1    |  | FC       |       |
| 8          | 143-000-43 | Truss Screw                        | 2    | M4x8                                   | SWRM     |       |
| 9          | 053-001-68 | Motor Protector 110V-60Hz          | 1    | KA112-BBXL00J                          | (T.C)    |       |
|            | 053-001-69 | Motor Protector 220V-60Hz          | 1    | KA112-BAXL09                           | (T.C)    |       |
| 10         | 121-000-84 | Packing                            | 1    |  | NBR      | *     |
| 11         | 076-000-40 | Capacitor 110V-60Hz                | 1    | SH-CAP 50MF-270VAC                     |          |       |
|            | 076-000-41 | Capacitor 220V-60Hz                | 1    | SH-CAP,15MF-500VAC<br>(four terminals) |          |       |
| 12         | 143-085-21 | Pan Screw (w/Spring Washer)        | 1    | M4x6                                   | SWRM     |       |
| 13         | 127-000-46 | Capacitor Fixing Plate             | 1    |  | SPC      |       |
| 14         | 009-001-02 | Earth Terminal                     | 1Set | UL1015-<br>AWG18,G/Y,L=160             |          |       |
| 15         | 143-000-44 | Pan Screw (w/Spring Washer)        | 1    | M4x5                                   | C3604    |       |
| 16         | 050-000-61 | Motor Bracket                      | 1    |  | SECD     |       |
| 17         | 142-192-16 | Wave Washer                        | 1    | 6201(D=32,t=0.4)                       | SK5      |       |
| 18         | 052-100-15 | Bearing                            | 1    | 6201ZZC3                               |          |       |
| 19         | 055-001-73 | Rotor                              | 1Set | w/Bearing                              |          |       |
| 20         | 061-180-17 | Bearing Collar                     | 1    | d15.1xd20x1.6t                         | SS       |       |
| 21         | 052-152-12 | Bearing                            | 1    | 6302ZZC3                               |          |       |
| 22         | 056-005-17 | Stator 110V-60Hz                   | 1Set |  |          |       |
|            | 056-005-18 | Stator 220V-60Hz                   | 1Set |  |          |       |
| 23         | 064-000-94 | Motor Frame                        | 1    |  | FC       | *     |
| 24         | 025-291-10 | Mechanical Seal                    | 1    | W-14VL                                 | SiC+CCBN |       |
| 25         | 030-000-09 | Oil Lifter                         | 1    | W-14VL                                 | Resin    |       |
| 26         | 122-133-17 | O-Ring                             | 1    | G-110(109.4xd3.1)                      | NBR      | *     |
| 27         | 140-056-11 | Hex.Bolt                           | 3    | M8x30                                  | SUS304   |       |
| 28         | 029-000-58 | Oil Casing                         | 1    | HS2.4(S)-52/62                         | FC       | *     |
| 29         | 121-246-11 | Packing                            | 1    | d10.3xd16x2t                           | PE       |       |
| 30         | 035-124-12 | Oil Plug                           | 1    | M10x15                                 | SUS304   |       |
| 31         | 121-000-20 | Packing                            | 1    | HS-4E                                  | NR       |       |
| 32         | 140-256-13 | Hex.Socket Cap Bolt                | 3    | M6x35                                  | SUS304   |       |
| 33         | 071-292-14 | Shaft Sleeve                       | 1    | LB3-250/480                            | SUS304   |       |
| 34         | 142-354-18 | Conical Spring Washer              | 1    | d11.2xd22.5x0.8t                       | SUS304   |       |
| 35         | 021G2821   | Impeller (60Hz)                    | 1    | 50UT2.75S-61                           | Resin    |       |
| 36         | 142-127-10 | Plain Washer                       | 1    | M8                                     | SUS304   |       |
| 37         | 141-005-18 | Hex.Nut                            | 1    | M8                                     | SUS304   |       |
| 38         | 020-001-85 | Pump Casing                        | 1    | 40UT2.4S-51/61                         | FC       | *     |
| 39         | 140-059-14 | Hex.Bolt                           | 2    | M8x45                                  | SUS304   |       |
| 40         | 048-180-16 | Screwed Flange                     | 1    | 2" NPT (P.C.84)                        | FC       |       |

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| 41         | 121-138-19 | Packing                      | 1    | LB(P.C.84)             | NBR      |       |
| 42         | 141-005-18 | Hex.Nut                      | 2    | M8                     | SUS304   |       |
|            | 173-001-35 | <b>Packing O-Ring Set</b>    | 1Set | (Marked by *)          |          |       |
| 10         | 121-000-84 | Packing (Head Cover/M.Frame) | 1    |                        | NBR      | *     |
| 23         | 122-133-17 | O-Ring (M.Frame/O.Casing)    | 1    | G-110(109.4xd3.1)      | NBR      | *     |
| 26         | 121-246-11 | Packing (Oil Plug)           | 1    | d10.3xd16x2t           | PE       | *     |
| 28         | 121-000-20 | Packing (O.Casing/P.Casing)  | 1    | HS-4E                  | NR       | *     |
| 38         | 121-138-19 | Packing (Hose Coupling)      | 1    | LB(P.C.84)             | NBR      | *     |
|            |            | Lubricant                    |      | Turbine Oil VG32 160ml |          |       |

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## EXPLODED VIEW

50UT2.75S-51/61

