

| PARTS LIST |            | AUTOMATIC DEWATERING PUMP                    |      |                                  |            | 9/10/2024                     |
|------------|------------|----------------------------------------------|------|----------------------------------|------------|-------------------------------|
| ITEM       | PART No.   | DESCRIPTION                                  | QTY  | SIZE                             | MATERIAL   | NOTES                         |
| 1          | 140-074-15 | Hex.Bolt                                     | 2    | M10x20                           | SUS304     |                               |
| 2          | 068-000-63 | Handle                                       | 1    | KTZ21.5/32.2(w/Shackle)<br>H=150 | SUS304+NBR | replaces OLD part# 068-000-60 |
| 3          | 010-126-17 | Cable Clip Rubber                            | 1    | HS2                              | NBR        |                               |
| 4          | 010-105-10 | Cable Clip                                   | 1    | SB                               | SPC        |                               |
| 5          | 140-018-37 | Hex.Bolt                                     | 1    | M5x15                            | SWRM       |                               |
| 6          | 141-003-58 | Hex.Nut                                      | 1    | M5                               | SWRM       |                               |
| 7          | 140-427-17 | Hex.Bolt (w/Plain Washer)                    | 2    | M5x15                            | SUS304     |                               |
| 8          | 003-190-10 | Gland                                        | 1    |                                  | SUS316     |                               |
| 9          | 001-803-33 | Cabtyre Cable Set (50') 60Hz(USA)            | 1    | VCT4Cx1.25mm2                    | LBT        |                               |
| 10         | 140-080-14 | Hex.Bolt                                     | 2    | M10x45                           | SUS304     |                               |
| 11         | 142-128-24 | Plain Washer                                 | 2    | M10                              | SPC        |                               |
| 12         | 032-000-86 | Hose Coupling                                | 1    | NPT-2(KTZ,PC100)                 | FC         |                               |
| 13         | 121-001-47 | Packing                                      | 1    | KTZ-1.5/2.2                      | NBR        | *                             |
| 14         | 032-000-81 | Hose Coupling(Attachment)                    | 1    | KTZ-1.5/2.2,PC107                | ADC        |                               |
| 15         | 141-006-19 | Hex.Nut                                      | 2    | M10                              | SUS304     |                               |
| 16         | 140-000-01 | Hex.Bolt                                     | 4    | M10x30(B=14)                     | SUS304     |                               |
| 17         | 142-128-24 | Plain Washer                                 | 4    | M10                              | SPC        |                               |
| 18         | 121-181-17 | Packing                                      | 1    | KT-15                            | NBR        | *                             |
| 19         | 140-000-89 | Hex.Bolt                                     | 4    | M8x110                           |            |                               |
| 20         | 142-163-18 | Spring Washer                                | 4    | M8                               | SUS304     |                               |
| 21         | 051-000-49 | Motor Head Cover                             | 1    |                                  | FC         |                               |
| 22         | 122-140-17 | O-Ring                                       | 1    | G-145(144.4xd3.1)                | NBR        | *                             |
| 23         | 009-292-11 | Earth Terminal                               | 1Set | 1.25mm2x140L                     |            |                               |
| 24         | 143-085-21 | Pan Screw (w/Spring Washer)                  | 1    | M4x6                             | SWRM       |                               |
| 25         | 009-000-27 | Intermediate Lead Wire                       | 1Set | 2mm2x160L (Black,TMEV2-4)        |            |                               |
| 26         | 009-000-26 | Intermediate Lead Wire                       | 1Set | 2mm2x160L (Red,TMEV2-4)          |            |                               |
| 27         | 009-000-28 | Intermediate Lead Wire                       | 1Set | 2mm2x120L(White)                 |            |                               |
| 28         | 009-285-11 | Solderless Terminal                          | 2    | TMEV-2-4                         | CU         |                               |
| 29         | 009-001-32 | Intermediate Lead Wire                       | 1Set | AWG22X130L<br>(Orange/Yellow)    |            |                               |
| 30         | 114-170-11 | Electromagnetic Contactor 208/220V-60Hz(USA) | 1    | G7L-2A-B(DC24V)                  |            |                               |
|            | 114-000-86 | Electromagnetic Contactor 460V-60Hz(USA)     | 1    | SD-Q11                           |            |                               |
| 31         | 143-085-21 | Pan Screw (w/Spring Washer)                  | 2    | M4x6                             | SWRM       |                               |
| 32         | 116-000-01 | Fixing Plate                                 | 1    | G7L-2A-B                         |            |                               |
| 33         | 115-000-66 | Transformer 208/220V-60Hz(USA)               | 1    | EK200/20M                        |            |                               |
|            | 115-000-71 | Transformer 460V-60Hz(USA)                   | 1    | EK460/20M                        |            |                               |
|            | 115-000-72 | Transformer 575V-60Hz(USA)                   | 1    | EK525/20M                        |            |                               |
| 34         | 143-169-17 | Truss Screw                                  | 2    | M3x8                             | SWRM       |                               |

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| 35         | 143-183-17 | Truss Screw                              | 3    | M3x20             | SUS304   |                                          |
| 36         | 114-000-90 | Relay Unit                               | 1    | ME0K1-IA4         |          |                                          |
| 37         | 143-085-21 | Pan Screw (w/Spring Washer)              | 1    | M4x6              | SWRM     |                                          |
| 38         | 143-126-12 | Pan Screw (w/Spring Washer/Plain Washer) | 2    | M4x12             | SWRM     |                                          |
| 39         | 053-001-88 | Motor Protector 208/220V-60Hz(USA)       | 1    | KA313-GCXL110J    |          |                                          |
|            | 053-421-18 | Motor Protector 460V-60Hz(USA)           | 1    | KA313-GQXL102     | (T.C)    |                                          |
|            | 053-001-95 | Motor Protector 575V-60Hz(USA)           | 1    | KA311-DPZN55A     | (T.C)    |                                          |
| 40         | 121-507-13 | Packing (Water Way, Upp.)                | 1    | KTZ21.5/32.2      | NBR      | *                                        |
| 41         | 050-001-03 | Middle Bracket                           | 1    |                   |          |                                          |
| 42         | 140-427-17 | Hex.Bolt (w/Plain Washer)                | 2    | M5x15             | SUS304   |                                          |
| 43         | 090-000-43 | Electrode Level Sensor                   | 1Set | EK-4              | CR       | interchangable with OLD part# 090-000-40 |
|            | 090-124-13 | Probe Extension (OPTION)                 | 1    |                   | SUS304   | OPTIONAL ACCESSORY                       |
| 44         | 142-389-12 | Wave Washer                              | 1    | 6204              | SK5      |                                          |
| 45         | 052-001-49 | Bearing                                  | 1    | 6204ZZC3          |          | replaces OLD item# 052-103-18            |
| 46         | 122-293-16 | O-Ring                                   | 1    | 47xd3.1           | NBR      | *                                        |
| 47         | 061-174-18 | Slinger                                  | 1    | d20xd27x2t        | SPC      |                                          |
| 48         | 055-706-16 | Rotor                                    | 1Set |                   |          |                                          |
| 49         | 147-017-11 | Impeller Key                             | 1    | 5x5x20l           | SUS420   |                                          |
| 50         | 002-000-04 | Cable Protection Tube                    | m    | NFG-1A,d8         | (V/m)    |                                          |
| 51         | 002-000-19 | Cable Protection Tube                    | 1    | NFG-1AC,d12       |          |                                          |
| 52         | 181-072-10 | Cable Tie                                | 2    | T18S,80Lx2.2Bx16D | Nylon    |                                          |
| 53         | 056-001-18 | Stator 208/220V-60Hz(USA)                | 1Set |                   |          |                                          |
|            | 056-012-86 | Stator 440V-60Hz(USA)                    | 1Set |                   |          | replaces OLD# 056-001-19                 |
| 54         | 052-108-13 | Bearing                                  | 1    | 6305ZZC3          |          |                                          |
| 55         | 121-507-13 | Packing (Water Way, Mid)                 | 1    | KTZ21.5/32.2      | NBR      | *                                        |
| 56         | 122-140-17 | O-Ring                                   | 1    | G-145(144.4xd3.1) | NBR      | *                                        |
| 57         | 064-000-10 | Motor Frame                              | 1    |                   | FC       |                                          |
| 58         | 140-488-16 | Hex.Bolt (w/Spring Washer)               | 4    | M8x30             | SUS304   |                                          |
| 59         | 121-246-11 | Packing                                  | 1    | d10.3xd16x2t      | PE       | *                                        |
| 60         | 035-125-13 | Oil Plug                                 | 1    | M10x20(B=13)      | SUS304   |                                          |
| 61         | 025-243-17 | Mechanical Seal                          | 1    | H-20T             | SIC      |                                          |
| 62         | 143-070-23 | Pan Screw                                | 2    | M5x6              | SWRM     |                                          |
| 63         | 030-144-13 | Oil Lifter                               | 1    | H-20(A)(T)        | Resin    |                                          |
| 64         | 143-070-10 | Pan Screw                                | 4    | M5x6              | SWRM     |                                          |
| 65         | 030-154-16 | Seal Stopper                             | 1    | H-20T             | SPCC     |                                          |
| 66         | 122-139-13 | O-Ring                                   | 1    | G-140(139.4xd3.1) | NBR      | *                                        |
| 67         | 121-501-17 | Packing (Water Way, Low.)                | 1    | KTZ21.5/22.2      | NBR      | *                                        |

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| 68         | 020-001-01 | Pump Casing                          | 1    | KTZ21.5/32.2           | FC       |           |
| 69         | 026-105-19 | Oil Seal                             | 1    | TC-25388               | NBR      |           |
| 70         | 071-314-13 | Shaft Sleeve                         | 1    | d20xd25x16l            | SUS304   |           |
| 71         | 040-104-25 | Impeller Shim                        |      | d18.2xd29x0.3t         | SUS304   |           |
| 72         | 021-554-12 | Impeller (60Hz)                      | 1    | KTZE22.2-61            | HiCrFC   |           |
| 73         | 047-113-28 | Impeller Thread Protect.Cover        | 1    | No.3A(13.5)            | SUS304   |           |
| 74         | 142-165-10 | Spring Washer                        | 1    | M12                    | SUS304   |           |
| 75         | 141-032-14 | Hex.Cap Nut                          | 1    | M12                    | SUS304   |           |
| 76         | 120-110-12 | Packing (S.Cover)                    |      | d150xd186x0.3t         | PE       |           |
| 77         | 022-000-52 | Suction Cover                        | 1    | KTZ21.5/22.2           | FCD      |           |
| 78         | 142-127-23 | Plain Washer                         | 3    | M8                     | SPC      |           |
| 79         | 144-000-56 | Stud Bolt                            | 3    | M8x85(23/12)           | SUS410   |           |
| 80         | 023-472-11 | Strainer Stand                       | 1    | KTZ21.5/32.2           | SPCC     |           |
| 81         | 142-127-23 | Plain Washer                         | 3    | M8                     | SPC      |           |
| 82         | 141-005-89 | Hex.Nut                              | 3    | M8                     | SWRM     |           |
|            | 173-003-36 | <b>Packing O-Ring Set</b>            | 1Set | (Marked by *)          |          |           |
| 13         | 121-001-47 | Packing (Hose Coupling)              | 1    | KTZ-1.5/2.2            | NBR      | *         |
| 18         | 121-181-17 | Packing (Hose Coupling)              | 1    | KT-15                  | NBR      | *         |
| 22         | 122-140-17 | O-Ring (M.Head Cover/Middle Bracket) | 1    | G-145(144.4xd3.1)      | NBR      | *         |
| 40         | 121-507-13 | Packing (Water Way, Upp.)            | 1    | KTZ21.5/32.2           | NBR      | *         |
| 46         | 122-293-16 | O-Ring (Upp. Bearing)                | 1    | 47xd3.1                | NBR      | *         |
| 55         | 121-507-13 | Packing (Water Way, Mid.)            | 1    | KTZ21.5/32.2           | NBR      | *         |
| 56         | 122-140-17 | O-Ring (Middle Bracket/M.Frame)      | 1    | G-145(144.4xd3.1)      | NBR      | *         |
| 59         | 121-246-11 | Packing (Oil Plug)                   | 1    | d10.3xd16x2t           | PE       | *         |
| 66         | 122-139-13 | O-Ring (M.Frame/P.Casing)            | 1    | G-140(139.4xd3.1)      | NBR      | *         |
| 67         | 121-501-17 | Packing (Water Way, Low.)            | 1    | KTZ21.5/22.2           | NBR      | *         |
|            |            | Lubricant                            |      | Turbine Oil VG32 740ml |          |           |

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EXPLODED VIEW

KTZE21. 5-61  
KTZE22. 2-61

