

| PARTS LIST |            | VANCS WASTEWATER PUMP                |      |                         |          | 6/7/2024                       |
|------------|------------|--------------------------------------|------|-------------------------|----------|--------------------------------|
| ITEM       | PART No.   | DESCRIPTION                          | QTY  | SIZE                    | MATERIAL | NOTES                          |
| 1          | 106-000-01 | Float Set                            | 1Set | AO2-2(400L/600L)        |          |                                |
| 2          | 143-000-33 | Hex.Tapping Screw                    | 2    | M5x20                   | SUS304   |                                |
| 3          | 001-001-88 | Cabtyre Cable Set (32') 60Hz (USA)   | 1    | VCT4Cx2mm2              | BE(40)   |                                |
| 4          | 143-000-45 | Tapping Screw                        | 3    | M5x25                   | SUS304   |                                |
| 5          | 003-000-13 | Gland                                | 1    | BECE(P.C.40)            | SUS304   | included with ITEM#3 cable set |
| 6          | 109-129-19 | Float Support Bush                   | 1    | d14                     | Rubber   |                                |
| 7          | 143-143-15 | Truss Tapping Screw                  | 1    | M4x16(D=8)              | SUS304   |                                |
| 8          | 109-131-27 | Float Support Pipe                   | 1    | d14x250l                | PVC      |                                |
| 9          | 109-000-20 | Holder                               | 1    |                         | Resin    |                                |
| 10         | 143-143-15 | Truss Tapping Screw                  | 1    | M4x16(D=8)              | SUS304   |                                |
| 11         | 143-174-15 | Pan Tapping Screw                    | 2    | M4x14                   | SUS304   |                                |
| 12         | 051-000-42 | Motor Head Cover                     | 1    |                         | Resin    |                                |
| 13         | 141-029-18 | Hex.Cap Nut                          | 4    | M6                      | SUS304   |                                |
| 14         | 142-126-19 | Plain Washer                         | 4    | M6                      | SUS304   |                                |
| 15         | 009-001-10 | Intermediate Lead Wire               | 1Set | AWG12x170L,Red          |          |                                |
| 16         | 009-001-11 | Intermediate Lead Wire               | 1Set | AWG12x170L,Black        |          |                                |
| 17         | 114-000-02 | Electromagnetic Contactor            | 1Set | G7L-2A-B(AC24V)         |          |                                |
| 18         | 143-000-55 | Pan Tapping Screw                    | 2    | M4x12                   | SWCH     |                                |
| 19         | 116-000-01 | Fixing Plate                         | 1    | G7L-2A-B                |          |                                |
| 20         | 143-152-17 | Truss Tapping Screw                  | 2    | M3x8                    | SWCH     |                                |
| 21         | 115-000-01 | Transformer 208/220V-60Hz(USA)       | 1    | AJ200/20                |          |                                |
|            | 115-000-05 | Transformer 460/575V-60Hz(USA)       | 1    | AJ460/20                |          |                                |
| 22         | 143-152-17 | Truss Tapping Screw                  | 2    | M3x8                    | SWCH     |                                |
| 23         | 114-000-01 | Relay Unit                           | 1Set | AJRH2B-UT(AC24V)        |          |                                |
| 24         | 143-138-17 | Truss Tapping Screw                  | 2    | M4x12                   | SWCH     |                                |
| 25         | 053-001-71 | Motor Protector 208/220V-60Hz(USA)   | 1    | KA313-GDXL110           | (T)      |                                |
|            | 053-411-15 | Motor Protector 460V-60Hz(USA)       | 1    | KA313-GQXL104           | (T)      |                                |
|            | 053-411-15 | Motor Protector 575V-60Hz(USA)       | 1    | KA313-GQXL104           | (T)      |                                |
| 26         | 121-001-22 | Packing                              | 1    | d169xd176x3.1t(P.C.160) | NBR      | *                              |
| 27         | 143-000-47 | Pan Screw                            | 4    | M6x215L(20L)            | SWRM     |                                |
| 28         | 142-113-26 | Plain Washer                         | 4    | M6(D=11.5)              | SPC      |                                |
| 29         | 082-000-02 | Head Cover Spacer                    | 1    |                         | Resin    |                                |
| 30         | 121-001-23 | Packing                              | 1    | VK(T)-22/37(A)T(W)      | NBR      | *                              |
| 31         | 143-085-34 | Pan Screw (w/Spring Washer)          | 1    | M4x6                    | C3604    |                                |
| 32         | 009-001-08 | Earth Terminal                       | 1Set | 2mm2x230L               |          |                                |
| 33         | 050-000-63 | Motor Bracket                        | 1    |                         | ADC      |                                |
| 34         | 056-005-82 | Stator(w/M.Frame) 208/220V-60Hz(USA) | 1Set |                         |          |                                |

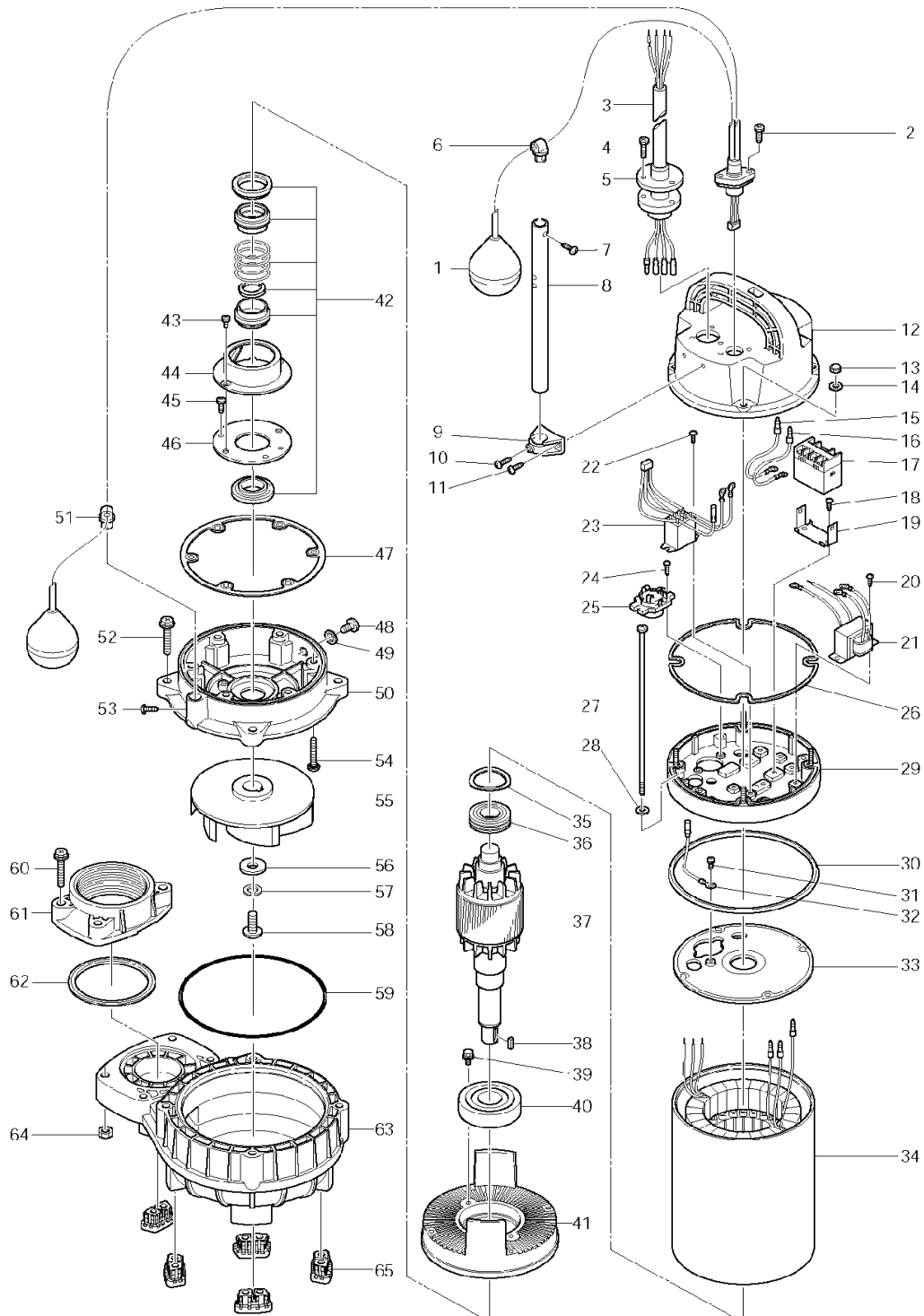
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|            | 056-005-85 | Stator(w/M.Frame) 460V-60Hz(USA)        | 1Set |                                |          |                                             |
|            | 056-005-86 | Stator(w/M.Frame) 575V-60Hz(USA)        | 1Set |                                |          |                                             |
| 35         | 142-000-75 | Wave Washer                             | 1    | BBA0630300A0,T=0.3             | SUP      |                                             |
| 36         | 052-187-16 | Bearing (w/O-ring)                      | 1    | AC-6204ZZC3                    |          |                                             |
| 37         | 055-001-79 | Rotor                                   | 1Set | w/Bearing                      |          |                                             |
| 38         | 147-000-41 | Impeller Key                            | 1    | 5x5x18.5L                      | SUS304   |                                             |
| 39         | 140-000-06 | Hex.Bolt (w/Spring Washer/Plain Washer) | 2    | M6x12                          | SWCH     |                                             |
| 40         | 052-109-14 | Bearing                                 | 1    | 6306ZZC3                       |          |                                             |
| 41         | 060-001-16 | Bearing Housing                         | 1    |                                | ADC      |                                             |
| 42         | 025-001-00 | Mechanical Seal                         | 1    | H-25T (RoHS)                   | SiC      | supercedes 025-255-12 and 025-000-07        |
| 43         | 143-070-23 | Pan Screw                               | 2    | M5x6                           | SWRM     |                                             |
| 44         | 030-143-12 | Oil Lifter                              | 1    | H-25(A)(T)                     | Resin    |                                             |
| 45         | 143-193-10 | Pan Tapping Screw                       | 2    | M5x12                          | SWRM     |                                             |
| 46         | 030-152-14 | Seal Stopper                            | 1    | H-25(A)(T)                     | SPCC     |                                             |
| 47         | 121-001-62 | Packing                                 | 1    | d160.4xd169.4x6.5t(P.C.14 4)70 | NBR      | * interchangeable with OLD part# 121-001-20 |
| 48         | 035-127-15 | Oil Plug                                | 1    | M10x15                         | SUS304   |                                             |
| 49         | 121-246-11 | Packing                                 | 1    | d10.3xd16x2t                   | PE       | *                                           |
| 50         | 029-000-88 | Oil Casing                              | 1    | 80PUT22.2/23.7-51/61           | Resin    |                                             |
| 51         | 109-129-19 | Float Support Bush                      | 1    | d14                            | Rubber   |                                             |
| 52         | 140-000-09 | Hex.Bolt (w/Spring Washer)              | 4    | M8x45                          | SUS304   |                                             |
| 53         | 143-143-15 | Truss Tapping Screw                     | 1    | M4x16(D=8)                     | SUS304   |                                             |
| 54         | 143-000-46 | Truss Screw (w/O-Ring)                  | 6    | M6x40(P-5,NBR)                 | SUS304   | *                                           |
| 36         | 021-011-39 | Impeller (60Hz)                         | 1    | 80PU22.2-61                    | Resin    | replaces OLD part# 021-008-19               |
|            | 021-008-28 | Impeller (50Hz) OPTION                  | 1    | 80PU22.2-51                    | Resin    | 50Hz OPTION                                 |
| 56         | 142-000-71 | Impeller Washer                         | 1    | d11xd31x4t                     | SUS304   |                                             |
| 57         | 142-164-19 | Spring Washer                           | 1    | M10                            | SUS304   |                                             |
| 58         | 140-000-65 | Hex. Socket Button Head Screw           | 1    | M10x25                         | SUS304   |                                             |
| 59         | 122-283-13 | O-Ring                                  | 1    | 165xd3.1                       | NBR      | *                                           |
| 60         | 140-000-09 | Hex.Bolt (w/Spring Washer)              | 4    | M8x45                          | SUS304   |                                             |
| 61         | 048-000-75 | Screwed Flange                          | 1    | NPT-3(1.5kW)                   | Resin    |                                             |
| 62         | 121-568-12 | Packing                                 | 1    | d84xd98x5t                     | NBR      | *                                           |
| 63         | 020-002-32 | Pump Casing                             | 1    | 80PUT22.2/3.7-51/61            | Resin    |                                             |
| 64         | 141-121-11 | Hex.Nut                                 | 2    | M8(B=12)                       | SUS304   |                                             |
| 65         | 165-000-07 | Rubber Feet                             | 5    | PU/PN/PSF21.5-52/62            | NBR      |                                             |
|            | 173-002-35 | <b>Packing O-Ring Set</b>               | 1Set | (Marked by *)                  |          |                                             |
| 26         | 121-001-22 | Packing (Head Cover/Head Cover Spacer)  | 1    | d169xd176x3.1t(P.C.160)        | NBR      | *                                           |
| 30         | 121-001-23 | Packing (Head Cover Spacer/M.Frame)     | 1    | VK(T)-22/37(A)T(W)             | NBR      | *                                           |

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| 47         | 121-001-62 | Packing (M.Frame/O.Casing) | 1   | d160.4xd169.4x6.5t(P.C.144)70 | NBR      | * interchangeable with OLD part# 121-001-20 |
| 49         | 121-246-11 | Packing (Oil Plug)         | 1   | d10.3xd16x2t                  | PE       | *                                           |
| 54         | 122-003-17 | O-Ring (O.Casing Bolt)     | 6   | P-5(4.8xd1.9)                 | NBR      | *                                           |
| 59         | 122-283-13 | O-Ring (O.Casing/P.Casing) | 1   | 165xd3.1                      | NBR      | *                                           |
| 62         | 121-568-12 | Packing (Screwed Flange)   | 1   | d84xd98x5t                    | NBR      | *                                           |
|            |            | Lubricant                  |     | Liquid Paraffin VG32 680ml    |          |                                             |

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## EXPLODED VIEW

80PUA22.2-61



C-01173-1