

| PARTS LIST |            | VANCS WASTEWATER PUMP           |      |                                          |          | 6/18/2019                     |
|------------|------------|---------------------------------|------|------------------------------------------|----------|-------------------------------|
| ITEM       | PART No.   | DESCRIPTION                     | QTY  | SIZE                                     | MATERIAL | NOTES                         |
| 1          | 001-803-20 | Cabletyre Cable Set (32')       | 1    | VCT4Cx1.25mm2                            | LBT      |                               |
| 2          | 143-000-33 | Hex.Tapping Screw               | 2    | M5x20                                    | SUS304   |                               |
| 3          | 003-190-10 | Gland                           | 1    |                                          | SUS316   |                               |
| 4          | 051-000-47 | Head Cover                      | 1    |                                          | Resin    |                               |
| 5          | 140-000-07 | Hex.Bolt (w/Plain Washer)       | 4    | M6x30(22L)                               | SUS304   |                               |
| 6          | 122-004-18 | O-Ring                          | 4    | P-6(5.8xd1.9)                            | NBR      | *                             |
| 7          | 143-000-33 | Hex.Tapping Screw               | 2    | M5x20                                    | SUS304   |                               |
| 8          | 109-129-19 | Float Support Bush              | 2    | d14                                      | Rubber   |                               |
| 9          | 143-143-15 | Truss Tapping Screw             | 2    | M4x16(D=8)                               | SUS304   |                               |
| 10         | 106-483-15 | Float Set                       | 1Set | AO2-3(400L/300L/400L)                    |          |                               |
| 11         | 109-000-02 | Float Support Pipe              | 1    | VP-14x300L(w/Hole, Black)                | VP       |                               |
| 12         | 109-130-13 | Float Support Bush              | 1    | d14                                      | Rubber   |                               |
| 13         | 143-143-15 | Truss Tapping Screw             | 1    | M4x16(D=8)                               | SUS304   |                               |
| 14         | 109-000-20 | Holder                          | 1    |                                          | Resin    |                               |
| 15         | 143-143-15 | Truss Tapping Screw             | 1    | M4x16(D=8)                               | SUS304   |                               |
| 16         | 143-174-15 | Tapping Screw                   | 2    | M4x14                                    | SUS304   |                               |
| 17         | 114-000-10 | Power Relay                     | 1    | LY-2F(DC24V)                             |          |                               |
| 18         | 143-152-17 | Truss Tapping Screw             | 2    | M3x8                                     | SWCH     |                               |
| 19         | 115-000-10 | Transformer 200-220V-60Hz       | 1    | WI200/20-3                               | (T)      | 115-000-87 is interchangeable |
|            | 115-000-25 | Transformer 460V-60Hz           | 1    | WI440/20-3                               | (T)      | 115-000-91 is interchangeable |
| 20         | 143-152-17 | Truss Tapping Screw             | 2    | M3x8                                     | SWCH     |                               |
| 21         | 143-152-17 | Truss Tapping Screw             | 3    | M3x8                                     | SWCH     |                               |
| 22         | 114-000-06 | Relay Unit                      | 1    | Control Panel for Auto-Alternate Operati |          |                               |
| 23         | 143-085-34 | Pan Screw (w/Spring Washer)     | 1    | M4x6                                     | C3604    |                               |
| 24         | 009-001-24 | Earth Terminal                  | 1Set | 1.25mm2x195L                             |          |                               |
| 25         | 143-000-04 | Pan Screw                       | 4    | M5x118(20L)                              | SWRM     |                               |
| 26         | 143-136-15 | Truss Screw                     | 2    | M4x10                                    | SWRM     |                               |
| 27         | 053-446-19 | Motor Protector 200-220V-60Hz   | 1    | KA311-DAVL66                             | (T)      |                               |
|            | 053-354-19 | Motor Protector 460V-60Hz       | 1    | KA311-DPVL74                             | (T)      |                               |
| 28         | 050-000-02 | Motor Bracket                   | 1    |                                          | ADC      |                               |
| 29         | 121-471-17 | Packing                         | 1    | d126.6xd135.6x6t                         | NBR      | *                             |
| 30         | 056-008-01 | Stator (w/M.Frame) 200-220-60Hz | 1Set |                                          |          |                               |
| 30         | 056-008-05 | Stator (w/M.Frame) 460-60Hz     | 1Set |                                          |          |                               |
| 31         | 071-000-01 | Collar                          | 1    | 37L                                      | SECC     |                               |

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| 32         | 142-000-91 | Wave Washer                     | 1    | 6201(D=30.6,t=0.35)         | SK5      |                               |
| 33         | 052-100-15 | Bearing                         | 1    | 6201ZZC3                    |          |                               |
| 34         | 055-002-93 | Rotor                           | 1Set | w/Bearing                   |          |                               |
| 35         | 061-157-15 | Bearing Collar                  | 1    | d15.1xd21x1.6t              | SPCC     |                               |
| 36         | 052-101-16 | Bearing                         | 1    | 6202ZZC3                    |          |                               |
| 37         | 060-001-36 | Bearing Housing                 | 1    |                             | ADC      |                               |
| 38         | 025-000-78 | Mechanical Seal                 | 1    | W-14HL (ROHS)               | SiC+CCBN | replaces OLD part# 025-290-19 |
| 39         | 030-000-01 | Oil Lifter                      | 1    | VANCS2                      | Resin    |                               |
| 40         | 121-001-12 | Packing                         | 1    | VANCS2                      | NBR      | *                             |
| 41         | 035-127-15 | Oil Plug                        | 1    | M10x15                      | SUS304   |                               |
| 42         | 121-246-11 | Packing                         | 1    | d10.3xd16x2t                | PE       | *                             |
| 43         | 140-000-03 | Hex.Bolt (w/Spring Washer)      | 4    | M6x25                       | SUS304   |                               |
| 44         | 029-000-95 | Oil Casing                      | 1    | VANCS2                      | Resin    |                               |
| 45         | 143-000-26 | Truss Screw (w/O-Ring)          | 4    | M6x20(P-5,NBR)              | SUS304   | *                             |
| 46         | 142-354-18 | Conical Spring Washer           | 1    | d11.2xd22.5x0.8t            | SUS304   |                               |
| 47         | 021G3127   | Impeller (60Hz)                 | 1    | 50PSFW2.4-62                | Resin    |                               |
| 48         | 143-140-12 | Truss Screw (w/Plain Washer)    | 1    | M6x12                       | SUS304   |                               |
| 49         | 122-000-07 | O-Ring                          | 1    | 122xd3.0                    | NBR      | *                             |
| 50         | 140-000-09 | Hex.Bolt (w/Spring Washer)      | 2    | M8x45                       | SUS304   |                               |
| 51         | 048-274-18 | Screwed Flange                  | 1    | NPT-2" (P.C.90)             | Resin    |                               |
| 52         | 121-469-12 | Packing                         | 1    | P.C.90xd58x2t               | NR       | *                             |
| 53         | 020-000-06 | Pump Casing                     | 1    | (40/50)PN/PSF2.25/.4/.75    | Resin    |                               |
| 54         | 023-000-02 | Strainer                        | 1    | (40/50)PSF(A)(W)2.25/.4/.75 | Resin    |                               |
| 55         | 143-000-10 | Truss Tapping Screw             | 2    | M4x18                       | SUS304   |                               |
|            | 173-000-07 | <b>Packing O-Ring Set</b>       | 1Set | (Marked by *)               |          |                               |
| 6          | 122-004-18 | O-Ring (Head Cover Fixing Bolt) | 4    | P-6(5.8xd1.9)               | NBR      | *                             |
| 29         | 121-471-17 | Packing (Head Cover/M.Frame)    | 1    | d126.6xd135.6x6t            | NBR      | *                             |
| 40         | 121-001-12 | Packing (M.Frame/O.Casing)      | 1    | VANCS2                      | NBR      | *                             |
| 42         | 121-246-11 | Packing (Oil Plug)              | 1    | d10.3xd16x2t                | PE       | *                             |
| 45         | 122-003-17 | O-Ring (P.Casing Bolt)          | 4    | P-5(4.8xd1.9)               | NBR      | *                             |
| 49         | 122-000-07 | O-Ring (O.Casing/P.Casing)      | 1    | 122xd3.0                    | NBR      | *                             |
| 52         | 121-469-12 | Packing (Screwed Flange)        | 1    | P.C.90xd58x2t               | NR       | *                             |
|            |            | Lubricant                       |      | Turbine Oil VG32 240ml      |          |                               |

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## EXPLODED VIEW

50PSFW2.4-62

