

| PARTS LIST |            | AGITATOR PUMP                      |      |                     |          | 1/25/2022                        |
|------------|------------|------------------------------------|------|---------------------|----------|----------------------------------|
| ITEM       | PART No.   | DESCRIPTION                        | QTY  | SIZE                | MATERIAL | NOTES                            |
| 1          | 001-515-35 | Cabtyre Cable Set (50') 60Hz (USA) | 1    | 2PNCTF4Cx5.5mm2     | KR-3     | interchangable w/OLD# 001-338-32 |
| 2          | 070-107-18 | Cable Clamp                        | 1    |                     | FC       | included with ITEM#1 Cable Set   |
| 3          | 141-004-17 | Hex.Nut                            | 1    | M6                  | SUS304   |                                  |
| 4          | 010-120-18 | Cable Clip                         | 1    | No.2-1              | SPC      |                                  |
| 5          | 095-000-95 | Chain                              | 1    | 4mm(4L)             | SS       | replaces OLD# 095-131-18 (3L)    |
| 6          | 010-122-10 | Cable Clip Rubber                  | 1    | No.2                | NBR      |                                  |
| 7          | 011-110-11 | Shackle                            | 1    | 6mm(M8,SC)          | SS       |                                  |
| 8          | 140-081-15 | Hex.Bolt                           | 4    | M10x50              | SUS304   |                                  |
| 9          | 142-164-19 | Spring Washer                      | 4    | M10                 | SUS304   |                                  |
| 10         | 142-128-24 | Plain Washer                       | 1    | M10                 | SPC      |                                  |
| 11         | 070-103-10 | L-Shape Fitting                    | 1    | KT-55               | SPC      |                                  |
| 12         | 140-032-11 | Hex.Bolt                           | 1    | M6x15               | SUS304   |                                  |
| 13         | 006-127-15 | Stuffing Box 460V-60Hz(USA)        | 1    | No.3                | FC       | included with ITEM#1 Cable Set   |
| 14         | 140-035-14 | Hex.Bolt                           | 2    | M6x20               | SUS304   | included with ITEM#1 Cable Set   |
| 15         | 008-150-13 | Mould Cover 460V-60Hz(USA)         | 1    | KR3-12              | CR       | included with ITEM#1 Cable Set   |
| 16         | 009-129-16 | Terminal                           | 6    | E (Small)           | CU       | included with ITEM#1 Cable Set   |
| 17         | 002-129-15 | Heat Shrink Tube (Sold per meter)  | m    | EVA(d14x1t)         | (V/m)    |                                  |
| 18         | 002-132-11 | Heat Shrink Tube (Sold per meter)  | m    | A4(d17x0.27t)       | (V/m)    |                                  |
| 19         | 009-101-12 | Terminal(C/W Screw)                | 3    | d12x(d6.6xd6.6)x25l | C3604    |                                  |
| 20         | 140-055-10 | Hex.Bolt                           | 4    | M8x25               | SUS304   |                                  |
| 21         | 143-041-12 | Pan Screw                          | 1    | M6x8                | SWRM     |                                  |
| 22         | 142-162-33 | Spring Washer                      | 1    | M6                  | SWRH     |                                  |
| 23         | 009-131-11 | Terminal 460V-60Hz(USA)            | 1    | R-5.5-6             | CU       | included with ITEM#1 Cable Set   |
| 24         | 050-368-17 | Motor Bracket                      | 1    |                     | FC       |                                  |
| 25         | 122-250-11 | O-Ring                             | 1    | 230xd3.8            | NBR      | *                                |
| 26         | 053-000-16 | Motor Protector 460V-60Hz(USA)     | 1    | KA314-HKBL00        | (B.C)    |                                  |
| 27         | 142-124-20 | Plain Washer                       | 2    | M4                  | SPC      |                                  |
| 28         | 142-160-31 | Spring Washer                      | 2    | M4                  | SWRH     |                                  |
| 29         | 143-017-19 | Pan Screw                          | 2    | M4x14               | SWRM     |                                  |
| 30         | 058-125-14 | Lead Wire Protection Plate         | 1    | d110xd190x1.2t      | SPC+NBR  |                                  |
| 31         | 055-571-10 | Rotor                              | 1Set |                     |          |                                  |
| 32         | 147-005-16 | Impeller Key                       | 1    | 12x8x40             | SUS304   |                                  |
| 33         |            | Stator 460V-60Hz(USA)              | 1Set |                     |          |                                  |
| 34         | 140-052-17 | Hex.Bolt                           | 2    | M8x16               | SUS304   |                                  |
| 35         | 046-000-05 | Air Release Valve                  | 1    | GSZ/NKZ/B           | SPCC     |                                  |
| 36         | 121-151-18 | Packing                            | 1    | P.C.80xd50          | CR       | *                                |
| 37         | 142-128-11 | Plain Washer                       | 4    | M10                 | SUS304   |                                  |
| 38         | 121-343-19 | Packing                            | 4    | d9.5xd16x5t         | NBR      | *                                |

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| 39         | 203-017-18 | Ball                   | 1   | d28                  | NBR      |                           |
| 40         | 068-172-17 | Handle                 | 1   | NKZ2-11KW            | SGP+SPC  |                           |
| 41         | 142-199-13 | Wave Washer            | 1   | 6208/6307            | SK5      |                           |
| 42         | 052-110-18 | Bearing                | 1   | 6307ZZC3             |          |                           |
| 43         | 142-162-33 | Spring Washer          | 2   | M6                   | SWRH     |                           |
| 44         | 143-042-13 | Pan Screw              | 2   | M6x10                | SWRM     |                           |
| 45         | 122-161-14 | O-Ring                 | 1   | G-300(299.3xd5.7)    | NBR      | *                         |
| 46         | 065-159-19 | Outer Cover            | 1   | NKZ2-11KW            | SS       |                           |
| 47         | 122-161-14 | O-Ring                 | 1   | G-300(299.3xd5.7)    | NBR      | *                         |
| 48         | 064-302-16 | Motor Frame            | 1   |                      | FC       |                           |
| 49         | 122-250-11 | O-Ring                 | 1   | 230xd3.8             | NBR      | *                         |
| 50         | 140-052-33 | Hex.Bolt               | 3   | M8x16                | SWRM     |                           |
| 51         | 062-158-19 | Bearing Fixing Plate   | 1   | d95xd144x4.5t(6Hole) | SPCC     |                           |
| 52         | 140-099-16 | Hex.Bolt               | 6   | M12x40               | SUS304   |                           |
| 53         | 142-165-10 | Spring Washer          | 6   | M12                  | SUS304   |                           |
| 54         | 060-242-15 | Bearing Housing        | 1   |                      | FC       |                           |
| 55         | 026-156-15 | Oil Seal               | 1   | TC-55729             | NBR      |                           |
| 56         | 122-120-11 | O-Ring                 | 1   | G-45(44.4xd3.1)      | NBR      | *                         |
| 57         | 071-134-20 | Shaft Sleeve           | 1   | GPN2-100             | SUS304   |                           |
| 58         | 025-210-15 | Mechanical Seal        | 1   | NH-50                | SiC      |                           |
| 59         | 122-251-12 | O-Ring                 | 1   | 205xd3.8             | NBR      | *                         |
| 60         | 029-195-28 | Oil Casing             | 1   | GPN2-100(Mech.Seal)  | FC       |                           |
| 61         | 061-142-17 | Bearing Collar         | 1   | d50xd70x3t           | SPC      |                           |
| 62         | 052-113-11 | Bearing                | 1   | 6310ZZC3             |          | can substitute 052-001-09 |
| 63         | 146-029-13 | Retaining Ring         | 1   | C50                  | SK5      |                           |
| 64         | 142-164-19 | Spring Washer          | 4   | M10                  | SUS304   |                           |
| 65         | 140-079-10 | Hex.Bolt               | 4   | M10x40               | SUS304   |                           |
| 66         | 121-247-12 | Packing                | 1   | d12.3xd18x2t         | PE       | *                         |
| 67         | 035-113-18 | Oil Plug               | 1   | M12x14               | SUS304   |                           |
| 68         | 143-070-10 | Pan Screw              | 3   | M5x6                 | SWRM     |                           |
| 69         | 142-164-19 | Spring Washer          | 4   | M10                  | SUS304   |                           |
| 70         | 140-076-17 | Hex.Bolt               | 4   | M10x30               | SUS304   |                           |
| 71         | 122-295-18 | O-Ring                 | 1   | 310xd3.8             | NBR      | *                         |
| 72         | 020-543-15 | Pump Casing            | 1   | GPN2-100             | FC       |                           |
| 73         | 021-577-11 | Impeller (60Hz)        | 1   | GPN411-61            | HiCrFC   |                           |
|            | 021-576-10 | Impeller (50Hz) OPTION |     |                      | HiCrFC   | OPTION                    |
| 74         | 120-105-14 | Packing                |     | d291xd348x0.5t       | PE       |                           |
| 75         | 140-139-19 | Hex.Bolt               | 1   | M16x143(B=19)        | SUS304   |                           |

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| ITEM       | PART No.   | DESCRIPTION                    | QTY  | SIZE                     | MATERIAL | NOTES                                     |
| 76         | 140-001-08 | Hex.Bolt                       | 4    | M8x35                    | SUS304   | interchangeable with OLD part# 140-057-41 |
| 77         | 022-467-23 | Suction Cover                  | 1    | GPN2-100                 | FC       |                                           |
| 78         | 142-163-18 | Spring Washer                  | 4    | M8                       | SUS304   |                                           |
| 79         | 142-129-25 | Plain Washer                   | 3    | M12                      | SPC      |                                           |
| 80         | 141-005-18 | Hex.Nut                        | 4    | M8                       | SUS304   |                                           |
| 81         | 144-478-15 | Stud Bolt                      | 3    | M12x111(25/21)           | SUS403   |                                           |
| 82         | 023-253-14 | Strainer Stand (1st Rev)       | 1Set | KRS-150 (170mm)          | SPC+SGP  | DISCONTINUED                              |
| 82         | 023-001-86 | Strainer Stand (2nd Rev)       | 1Set | KRS-150 (189mm)          | SGP+SS   |                                           |
| 83         | 142-165-10 | Spring Washer                  | 3    | M12                      | SUS304   |                                           |
| 84         | 141-007-10 | Hex.Nut                        | 3    | M12                      | SUS304   |                                           |
| 85         | 040-123-17 | Impeller Shim                  |      | d45.2xd59x0.3t           | SUS304   |                                           |
| 86         | 024-131-18 | Connection Rod                 | 1    | GPN2-80                  | FCMB     |                                           |
| 87         | 024-120-14 | Agitator                       | 1    | GPN-80                   | HiCrFC   |                                           |
| 88         | 142-130-16 | Plain Washer                   | 1    | M16                      | SUS304   |                                           |
| 89         | 141-008-40 | Hex.Nut                        | 1    | M16(H=10)                | SUS304   |                                           |
| 90         | 033-114-13 | Suction Plate                  | 1    | GPN-80/100               | HiCrFC   |                                           |
| 91         | 142-129-25 | Plain Washer                   | 3    | M12                      | SPC      |                                           |
| 92         | 140-097-14 | Hex.Bolt                       | 3    | M12x30                   | SUS304   |                                           |
| 93         | 140-099-16 | Hex.Bolt                       | 6    | M12x40                   | SUS304   |                                           |
| 94         | 032-405-11 | Hose Coupling                  | 1    | NPT-4(DL-15,PC196x6)     | FC       |                                           |
| 95         | 121-184-10 | Packing                        | 1    | NKZ-6                    | NBR      | *                                         |
|            | 173-098-17 | <b>Packing O-Ring Set</b>      | 1Set | (Marked by *)            |          |                                           |
| 25         | 122-250-11 | O-Ring (M.Bracket/M.Frame)     | 1    | 230xd3.8                 | NBR      | *                                         |
| 36         | 121-151-18 | Packing (Air Release Valve)    | 1    | P.C.80xd50               | CR       | *                                         |
| 38         | 121-343-19 | Packing (Handle Bolt)          | 4    | d9.5xd16x5t              | NBR      | *                                         |
| 45         | 122-161-14 | O-Ring (M.Bracket/Out.Cover)   | 1    | G-300(299.3xd5.7)        | NBR      | *                                         |
| 47         | 122-161-14 | O-Ring (Out.Cover/Brg.Housing) | 1    | G-300(299.3xd5.7)        | NBR      | *                                         |
| 49         | 122-250-11 | O-Ring (M.Frame/Brg.Housing)   | 1    | 230xd3.8                 | NBR      | *                                         |
| 56         | 122-120-11 | O-Ring (Shaft Sleeve)          | 1    | G-45(44.4xd3.1)          | NBR      | *                                         |
| 59         | 122-251-12 | O-Ring (Brg.Housing/O.Casing)  | 1    | 205xd3.8                 | NBR      | *                                         |
| 66         | 121-247-12 | Packing (Oil Plug)             | 1    | d12.3xd18x2t             | PE       | *                                         |
| 71         | 122-295-18 | O-Ring (Brg.Housing/P.Casing)  | 1    | 310xd3.8                 | NBR      | *                                         |
| 95         | 121-184-10 | Packing (Hose Coupling)        | 1    | NKZ-6                    | NBR      | *                                         |
|            |            | Lubricant                      |      | Turbine Oil VG32 2,500ml |          |                                           |
|            | 183-002-15 | Impeller Puller                | 1    | B No.2                   | FCD      |                                           |

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## EXPLODED VIEW

GPN411-61

