



MODEL **KTZ615-61**

| PARTS LIST |            | DEWATERING PUMP                          |      |                       |          |                | 1/7/2025                                                          |
|------------|------------|------------------------------------------|------|-----------------------|----------|----------------|-------------------------------------------------------------------|
| ITEM       | PART No.   | DESCRIPTION                              | QTY  | SIZE                  | MATERIAL | PRICE PER UNIT | NOTES                                                             |
| 1          | 140-101-12 | Hex.Bolt                                 | 6    | M12x50                | SUS304   | \$ 5.80        |                                                                   |
| 2          | 142-165-10 | Spring Washer                            | 6    | M12                   | SUS304   | \$ 1.10        |                                                                   |
| 3          | 070-117-11 | L-Shape Fitting                          | 1    | 40x25x4.5t d13Hole    | SPC      | \$ 9.10        |                                                                   |
| 4          | 068-000-32 | Handle                                   | 1    |                       | SGPSS    | \$ 157.40      |                                                                   |
| 5          | 001-875-36 | Cabtyre Cable Set (50') 60Hz(USA)        | 1    | 2PNCTF4Cx5.5mm2       | GHZ      | \$ 1,521.90    |                                                                   |
| 6          | 010-122-10 | Cable Clip Rubber                        | 1    | No.2                  | NBR      | \$ 2.20        |                                                                   |
| 7          | 010-120-18 | Cable Clip                               | 1    | No.2-1                | SPC      | \$ 8.60        |                                                                   |
| 8          | 141-004-59 | Hex.Nut                                  | 1    | M6                    | SWRM     | \$ 0.40        |                                                                   |
| 9          | 140-032-37 | Hex.Bolt                                 | 1    | M6x15                 | SWRM     | \$ 0.70        |                                                                   |
| 10         | 095-000-99 | Chain                                    | 1    | 4mm(3L)L=29.4         | SS       | \$ 2.50        | When ordering chain for cable clip, please order shackle as well. |
| 11         | 011-000-44 | Shackle                                  | 1    | #5(for Clip)          | SS       | \$ 5.20        |                                                                   |
| 12         | 140-076-17 | Hex.Bolt                                 | 2    | M10x30                | SUS304   | \$ 3.50        | included in ITEM# 5 Cable Assembly                                |
| 13         | 003-183-23 | Gland 380/440/460V-60Hz                  | 1    | GHZ-311W              | FC       | \$ 133.60      | included in ITEM# 5 Cable Assembly                                |
| 14         | 002-104-14 | Cable Protection Tube 380/440/460V-60Hz  | 1    | No.4                  | NBR      | \$ 6.20        | included in ITEM# 5 Cable Assembly                                |
| 15         | 005-122-17 | Bush Washer 380/440/460V-60Hz            | 1    | d23xd53.5x3.2t        | SPC      | \$ 8.40        | included in ITEM# 5 Cable Assembly                                |
| 16         | 004-135-10 | Cable Bush 380/440/460V-60Hz             | 1    | d21xd54x25l           | SBR      | \$ 34.80       | included in ITEM# 5 Cable Assembly                                |
| 17         | 005-122-17 | Bush Washer 380/440/460V-60Hz            | 1    | d23xd53.5x3.2t        | SPC      | \$ 8.40        | included in ITEM# 5 Cable Assembly                                |
| 18         | 006-160-10 | Stuffing Box 380/440/460V-60Hz           | 1    | GHZ-311W              | FC       | \$ 231.30      | included in ITEM# 5 Cable Assembly                                |
| 19         | 140-055-10 | Hex.Bolt                                 | 4    | M8x25                 | SUS304   | \$ 1.80        |                                                                   |
| 20         | 009-129-16 | Terminal 380/440/460V-60Hz               | 4    | E (Small)             | CU       | \$ 0.80        | included in ITEM# 5 Cable Assembly                                |
| 21         | 009-101-12 | Terminal(C/W Screw)                      | 4    | d12x(d6.6xd6.6)x25l   | C3604    | \$ 8.60        |                                                                   |
| 22         | 009-129-16 | Terminal                                 | 4    | E (Small)             | CU       | \$ 0.80        |                                                                   |
| 23         | 002-135-14 | Heat Shrink Tube (Sold per meter)        | m    | A(d15x0.3t)           | (Vm)     | \$ 5.50        |                                                                   |
| 24         | 002-132-11 | Heat Shrink Tube (Sold per meter)        | m    | A4(d17x0.27t)         | (Vm)     | \$ -           |                                                                   |
| 25         | 122-128-19 | O-Ring                                   | 1    | G-85(84.4xd3.1)       | NBR      | \$ 3.00        | *                                                                 |
| 26         | 032-001-00 | Hose Coupling 4" NPT                     | 1    | KTZ411(Angle, 4" NPT) | FC       | \$ 308.30      |                                                                   |
|            | 032-001-03 | Hose Coupling 6" NPT (OPTION)            | 1    | KTZ611(Angle, 6" NPT) | FC       | \$ 368.40      | OPTIONAL 6" DISCHARGE                                             |
| 27         | 140-099-16 | Hex.Bolt                                 | 4    | M12x40                | SUS304   | \$ 5.30        |                                                                   |
| 28         | 142-129-25 | Plain Washer                             | 4    | M12                   | SPC      | \$ 0.70        |                                                                   |
| 29         | 121-001-49 | Packing                                  | 1    | KTZ-11(Angle,4hole)   | NBR      | \$ 10.80       | *                                                                 |
| 30         | 050-001-13 | Motor Bracket                            | 1    |                       | FC       | \$ 1,626.20    |                                                                   |
| 31         | 122-173-19 | O-Ring                                   | 1    | V-225(222.5xd6)       | NBR      | \$ 15.50       | *                                                                 |
| 32         | 053-002-31 | Motor Protector 220V-60Hz                | 1    | KA315-JXGL00          | (B.C)    | C/F            |                                                                   |
| 32         | 053-002-22 | Motor Protector 380/440/460V-60Hz        | 1    | KA315-JKHL00          | (B.C)    | \$ 596.00      |                                                                   |
| 33         | 143-125-24 | Pan Screw (w/Spring Washer/Plain Washer) | 2    | M4x14                 | SWRM     | \$ 1.00        |                                                                   |
| 34         | 009-296-15 | Earth Terminal                           | 1Set | 8mm2x180L             |          | \$ 26.30       |                                                                   |
| 35         | 143-164-25 | Pan Screw (w/Spring Washer)              | 1    | M6x8                  | C3604    | \$ 1.20        |                                                                   |
| 36         | 142-198-12 | Wave Washer                              | 1    | 6306                  | SK5      | \$ 4.70        |                                                                   |

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| ITEM       | PART No.   | DESCRIPTION                | QTY  | SIZE             | MATERIAL | PRICE PER UNIT | NOTES    |
| 37         | 052-109-14 | Bearing                    | 1    | 6306ZZC3         |          | \$ 35.60       |          |
| 38         | 122-245-13 | O-Ring                     | 1    | 71.4xd3.1        | NBR      | \$ 5.60        | *        |
| 39         | 058-000-36 | Lead Wire Protection Plate | 1    | d96xd224.5x1.6t  | PE       | \$ 42.10       |          |
| 40         | 055-003-45 | Rotor                      | 1Set |                  |          | C/F            |          |
| 41         | 147-139-10 | Impeller Key               | 1    | 7x7x28L          | SUS420   | \$ 19.20       |          |
| 42         | 056-009-61 | Stator 220V-60Hz           | 1Set |                  |          | C/F            |          |
| 42         | 056-009-62 | Stator 380/440/460V-60Hz   | 1Set |                  |          | C/F            |          |
| 43         | 121-504-10 | Packing (Water Way, Upp.)  | 1    | KTZ411/611       | NBR      | \$ 20.00       | *        |
| 44         | 064-001-44 | Motor Frame                | 1    |                  | FC       | C/F            |          |
| 45         | 140-080-14 | Hex.Bolt                   | 4    | M10x45           | SUS304   | \$ 3.90        |          |
| 46         | 142-164-19 | Spring Washer              | 4    | M10              | SUS304   | \$ 0.80        |          |
| 47         | 140-032-37 | Hex.Bolt                   | 4    | M6x15            | SWRM     | \$ 0.70        |          |
| 48         | 062-000-34 | Bearing Fixing Plate       | 1    |                  | SPCC     | \$ 128.70      |          |
| 49         | 052-140-17 | Bearing                    | 1Set | 6309ZZD2C3       |          | \$ 278.80      |          |
| 50         | 142-242-12 | Bearing Washer             | 1    | AW09             | SPCC     | \$ 9.90        |          |
| 51         | 141-074-18 | Bearing Nut                | 1    | AN09             | SS       | \$ 32.70       |          |
| 52         | 122-285-15 | O-Ring                     | 1    | 155xd3.1         | NBR      | \$ 7.60        | *        |
| 53         | 060-001-93 | Bearing Housing            | 1    |                  | FC       | \$ 492.70      |          |
| 54         | 140-269-19 | Hex.Socket Cap Bolt        | 4    | M8x25            | SUS304   | \$ 3.50        |          |
| 55         | 143-070-23 | Pan Screw                  | 2    | M5x6             | SWRM     | \$ 0.40        |          |
| 56         | 030-142-11 | Oil Lifter                 | 1    | H-30(A)(T)       | Resin    | \$ 6.90        |          |
| 57         | 143-070-10 | Pan Screw                  | 6    | M5x6             | SWRM     | \$ 0.40        |          |
| 58         | 030-147-16 | Seal Stopper               | 1    | HT-3035          | SPCC     | \$ 8.40        |          |
| 59         | 025-000-73 | Mechanical Seal            | 1    | H-30T(T)         | SiC      | \$ 578.80      |          |
| 60         | 122-285-15 | O-Ring                     | 1    | 155xd3.1         | NBR      | \$ 7.60        | *        |
| 61         | 121-503-19 | Packing (Water Way, Low.)  | 1    | KTZ411/611       | NBR      | \$ 24.50       | *        |
| 62         | 029-333-17 | Oil Casing                 | 1    | KTZ47.5/611      | FC       | \$ 131.50      |          |
| 63         | 142-163-18 | Spring Washer              | 4    | M8               | SUS304   | \$ 0.40        |          |
| 64         | 140-055-10 | Hex.Bolt                   | 4    | M8x25            | SUS304   | \$ 1.80        |          |
| 65         | 121-247-12 | Packing                    | 1    | d12.3xd18x2t     | PE       | \$ 1.10        |          |
| 66         | 035-113-18 | Oil Plug                   | 1    | M12x14           | SUS304   | \$ 6.50        |          |
| 67         | 071-198-19 | Shaft Sleeve               | 1    | d25xd35x17l      | SUS403   | \$ 89.20       |          |
| 68         | 020-001-06 | Pump Casing                | 1    | KTZ411/611       | FC       | \$ 909.00      |          |
| 69         | 142-164-19 | Spring Washer              | 2    | M10              | SUS304   | \$ 0.80        |          |
| 70         | 140-449-15 | Hex.Bolt                   | 2    | M10x140          | SUS304   | \$ 18.30       |          |
| 71         | 122-360-15 | O-Ring                     | 1    | 46.5xd2.5        | NBR      | \$ 2.40        | *        |
| 72         | 026-238-12 | Labyrinth Ring             | 1    | GHV/GHZ-7.5/11KW | SUS304   | \$ 114.20      |          |

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| ITEM       | PART No.   | DESCRIPTION                   | QTY  | SIZE                   | MATERIAL | PRICE PER UNIT | NOTES       |
| 73         | 040-107-28 | Impeller Shim                 |      | d25.2xd38x0.3t         | SUS304   | \$ 2.90        |             |
| 74         | 021-009-91 | Impeller (50Hz) OPTION        | 1    | KTZ615-51              | HiCrFC   | C/F            | 50Hz OPTION |
| 74         | 021-009-92 | Impeller (60Hz)               | 1    | KTZ615-61              | HiCrFC   | \$ 360.60      |             |
| 75         | 047-105-14 | Impeller Thread Protect.Cover | 1    | No.4(22)               | SPC      | \$ 6.00        |             |
| 76         | 141-009-38 | Hex.Nut                       | 1    | M20(H=12)              | SUS304   | \$ 14.20       |             |
| 77         | 141-034-16 | Hex.Cap Nut                   | 1    | M20                    | SUS304   | \$ 22.80       |             |
| 78         | 120-111-13 | Packing (S.Cover)             |      | d221xd268x0.3t         | PE       | \$ 6.70        |             |
| 79         | 022-000-57 | Suction Cover                 | 1    | KTZ67.5/11             | FCD      | \$ 175.40      |             |
| 80         | 142-128-24 | Plain Washer                  | 3    | M10                    | SPC      | \$ 0.40        |             |
| 81         | 140-075-16 | Hex.Bolt                      | 3    | M10x25                 | SUS304   | \$ 3.10        |             |
| 82         | 142-128-24 | Plain Washer                  | 3    | M10                    | SPC      | \$ 0.40        |             |
| 83         | 144-000-57 | Stud Bolt                     | 3    | M10x124(26/14)         | SUS410   | \$ 18.00       |             |
| 84         | 023-489-11 | Strainer                      | 1    | KTZ47.5/411(d12)       | SPCC     | \$ 37.70       |             |
| 85         | 049-133-20 | Bottom Plate                  | 1    | KRS-C3/A3              | SPC      | \$ 69.00       |             |
| 86         | 142-128-24 | Plain Washer                  | 3    | M10                    | SPC      | \$ 0.40        |             |
| 87         | 141-006-19 | Hex.Nut                       | 3    | M10                    | SUS304   | \$ 1.90        |             |
|            | 173-000-86 | <b>Packing O-Ring Set</b>     | 1Set | (Marked by *)          |          | \$ 98.60       |             |
| 25         | 122-128-19 | O-Ring (S.Box)                | 1    | G-85(84.4xd3.1)        | NBR      | \$ 3.00        | *           |
| 29         | 121-001-49 | Packing (Hose Coupling)       | 1    | KTZ-11(Angle,4hole)    | NBR      | \$ 10.80       | *           |
| 31         | 122-173-19 | O-Ring (M.Bracket/M.Frame)    | 1    | V-225(222.5xd6)        | NBR      | \$ 15.50       | *           |
| 38         | 122-245-13 | O-Ring (Upp. Bearing)         | 1    | 71.4xd3.1              | NBR      | \$ 5.60        | *           |
| 43         | 121-504-10 | Packing (Water Way, Upp.)     | 1    | KTZ411/611             | NBR      | \$ 20.00       | *           |
| 52         | 122-285-15 | O-Ring (M.Frame/Brg.Housing)  | 1    | 155xd3.1               | NBR      | \$ 7.60        | *           |
| 60         | 122-285-15 | O-Ring (Brg.Housing/O.Casing) | 1    | 155xd3.1               | NBR      | \$ 7.60        | *           |
| 61         | 121-503-19 | Packing (Water Way, Low.)     | 1    | KTZ411/611             | NBR      | \$ 24.50       | *           |
| 65         | 121-247-12 | Packing (Oil Plug)            | 1    | d12.3xd18x2t           | PE       | \$ 1.10        | *           |
| 71         | 122-360-15 | O-Ring (Labyrinth Ring)       | 1    | 46.5xd2.5              | NBR      | \$ 2.40        | *           |
|            |            | Lubricant                     |      | Turbine Oil VG32 820ml |          | C/F            |             |

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|------------|----------|-----------------|-----|------|----------|----------------|-------|
| ITEM       | PART No. | DESCRIPTION     | QTY | SIZE | MATERIAL | PRICE PER UNIT | NOTES |

## EXPLODED VIEW

KTZ615-51/61

