

| PARTS LIST | | SUBMERSIBLE AERATOR | | | 12/11/2023 | |
|------------|------------|-----------------------------------|------|---------------------|------------|----------------------------------|
| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 1 | 009-131-11 | Terminal | 4 | R-5.5-6 | CU | |
| 2 | 001-936-23 | Cabtyre Cable Set (32') 60Hz(USA) | 1 | 2PNCT4Cx3.5mm2 | KR-2 | |
| 3 | 140-035-14 | Hex.Bolt | 2 | M6x20 | SUS304 | included in ITEM# 2 Cable Ass'y |
| 4 | 070-107-18 | Cable Clamp | 1 | | FC150 | included in ITEM# 2 Cable Ass'y |
| 5 | 140-056-11 | Hex.Bolt | 4 | M8x30 | SUS304 | |
| 6 | 142-163-18 | Spring Washer | 4 | M8 | SUS304 | |
| 7 | 006-126-14 | Stuffing Box | 1 | No.2 | FC200 | included in ITEM# 2 Cable Ass'y |
| 8 | 008-142-12 | Mould Cover | 1 | KR2-7 | CR | included in ITEM# 2 Cable Ass'y |
| 9 | 143-085-21 | Pan Screw (w/Spring Washer) | 1 | M4x6 | SWRM | included in ITEM# 2 Cable Ass'y |
| 10 | 009-122-19 | Terminal | 1 | R-3.5-4 | CU | included in ITEM# 2 Cable Ass'y |
| 11 | 009-275-18 | Compression type Terminal | 3 | TGNB-5.5(Insulated) | | included in ITEM# 2 Cable Ass'y |
| 12 | 009-131-11 | Terminal | 3 | R-5.5-6 | CU | |
| 13 | 001-937-24 | Cabtyre Cable Set (32') 60Hz(USA) | 1 | 2PNCT3Cx3.5mm2 | KR-2 | |
| 14 | 140-035-14 | Hex.Bolt | 2 | M6x20 | SUS304 | included in ITEM# 13 Cable Ass'y |
| 15 | 070-107-18 | Cable Clamp | 1 | | FC150 | included in ITEM# 13 Cable Ass'y |
| 16 | 140-056-11 | Hex.Bolt | 4 | M8x30 | SUS304 | |
| 17 | 142-163-18 | Spring Washer | 4 | M8 | SUS304 | |
| 18 | 006-126-14 | Stuffing Box | 1 | No.2 | FC200 | included in ITEM# 13 Cable Ass'y |
| 19 | 008-154-17 | Mould Cover | 1 | KR2-10 | CR | included in ITEM# 13 Cable Ass'y |
| 20 | 009-275-18 | Compression type Terminal | 3 | TGNB-5.5(Insulated) | | included in ITEM# 13 Cable Ass'y |
| 21 | 009-127-14 | Terminal | 2 | R-1.25-4 | CU | |
| 22 | 001-003-29 | Cabtyre Cable Set (32') 60Hz(USA) | 1 | VCT2Cx1.25mm2 | LB | |
| 23 | 140-427-17 | Hex.Bolt (w/Plain Washer) | 2 | M5x15 | SUS304 | |
| 24 | 003-190-10 | Gland | 1 | | SUS316 | |
| 25 | 009-104-15 | Solderless Terminal | 2 | TMVB-1.25 | CU | |
| 26 | 072-107-27 | Eye Bolt | 2 | M16 | SUS304 | |
| 27 | 142-399-15 | Washer | | d17xd29x0.1t | SUS304 | |
| | 142-400-10 | Washer | | d17xd29x0.3t | SUS304 | |
| 28 | 140-098-15 | Hex.Bolt | 4 | M12x35 | SUS304 | |
| 29 | 142-165-10 | Spring Washer | 4 | M12 | SUS304 | |
| 30 | 050-000-01 | Motor Bracket | 1 | | FC200 | |
| 31 | 122-173-19 | O-Ring | 1 | V-225(222.5xd6) | NBR | * |
| 32 | 142-198-12 | Wave Washer | 1 | 6306 | SK5 | |
| 33 | 052-000-25 | Bearing (w/O-ring) | 1 | AC-6306ZZC3 | | |
| 34 | 058-000-09 | Lead Wire Protection Plate | 1 | d86xd224x1.6t | SPHC | |
| 35 | 055-000-15 | Rotor | 1Set | | | |
| 36 | 147-163-13 | Impeller Key | 1 | 10x8x32L | SUS420 | |
| 37 | 056-010-39 | Stator 208/230V-60Hz(USA) | 1Set | | | |

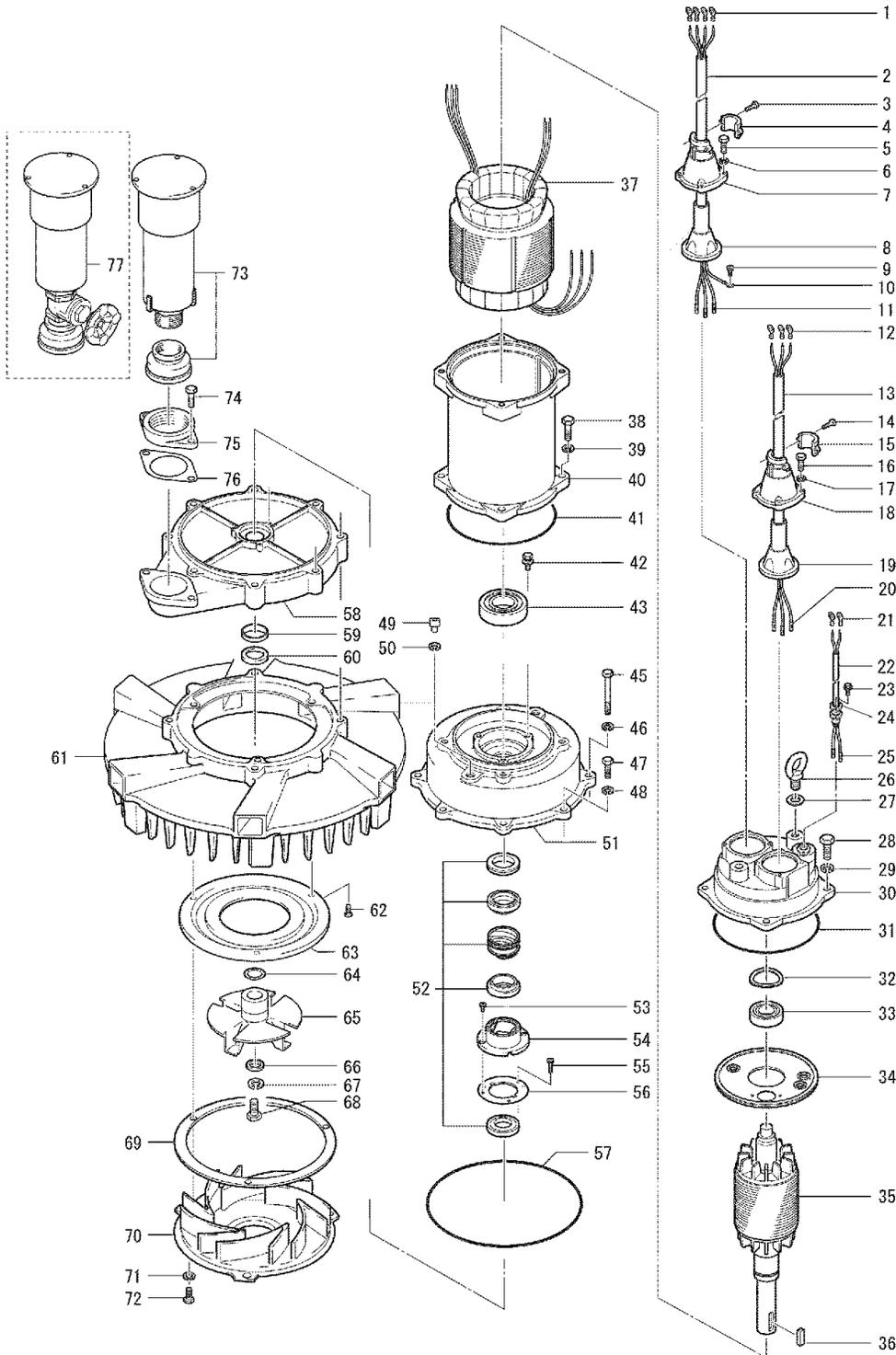
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| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 37 | 056-010-40 | Stator 460V-60Hz(USA) | 1Set | | | |
| | 053-309-19 | Motor Protector | 3 | 9700K-46-215 | (H) | |
| | 181-000-03 | Cable Tie | 3 | T50S,158Lx4.7Bx35D | Nylon | |
| 38 | 140-100-11 | Hex.Bolt | 4 | M12x45 | SUS304 | |
| 39 | 142-165-10 | Spring Washer | 4 | M12 | SUS304 | |
| 40 | 064-000-71 | Motor Frame | 1 | | FC200 | |
| 41 | 122-173-19 | O-Ring | 1 | V-225(222.5xd6) | NBR | * |
| 42 | 140-000-06 | Hex.Bolt (w/Spring Washer/Plain Washer) | 3 | M6x12 | SWCH | |
| 43 | 052-001-09 | Bearing | 1 | 6310ZZC3(SRL) | | |
| 45 | 140-112-16 | Hex.Bolt | 4 | M12x110 | SUS304 | |
| 46 | 142-165-10 | Spring Washer | 4 | M12 | SUS304 | |
| 47 | 140-099-16 | Hex.Bolt | 4 | M12x40 | SUS304 | |
| 48 | 142-165-10 | Spring Washer | 4 | M12 | SUS304 | |
| 49 | 035-113-18 | Oil Plug | 2 | M12x14 | SUS304 | |
| 50 | 121-247-12 | Packing | 2 | d12.3xd18x2t | Polyethylene | * |
| 51 | 060-000-02 | Bearing Housing | 1 | | FC200 | |
| 52 | 025-001-13 | Mechanical Seal | 1 | H-40X(ROHS)(E) | SIC | |
| 53 | 143-070-23 | Pan Screw | 2 | M5x6 | SWRM | |
| 54 | 030-141-10 | Oil Lifter | 1 | H-40(T) | Resin | |
| 55 | 143-070-10 | Pan Screw | 3 | M5x6 | SWRM | |
| 56 | 030-149-18 | Seal Stopper | 1 | H-40/45 | SPCC | |
| 57 | 122-265-19 | O-Ring | 1 | 335xd5.7 | NBR | * |
| 58 | 018-104-13 | Air Passage | 1 | 37/110-TR | FC200 | |
| 59 | 026-200-28 | Distance Piece | 1 | 37/110-TR | SGP | |
| 60 | 026-205-10 | Oil Seal | 1 | VC-40586 | NBR | |
| 61 | 019-000-17 | Guide Vane | 1 | 80TRN47.5/11 | FC200 | |
| 62 | 140-000-55 | Hex.Socket Cap Bolt | 3 | M10x20 | SUS304 | |
| 63 | 028-000-32 | Middle Plate | 1 | 80TRN411 | SUS410 | |
| 64 | 040-113-14 | Impeller Shim | | d32.5xd48x0.3t | SUS304 | |
| 65 | 021-007-15 | Impeller (60Hz) | 1 | 80TRN412-63 | SCS1 | |
| 66 | 142-103-10 | Impeller Fixing Washer | 1 | d18xd38x6t | SUS403 | |
| 67 | 142-166-11 | Spring Washer | 1 | M16 | SUS304 | |
| 68 | 140-125-12 | Hex.Bolt | 1 | M16x45 | SUS304 | |
| 69 | 120-000-18 | Packing | | P.C360(d335xd388) | Polyethylene | |
| 70 | 022-001-56 | Suction Cover(60Hz) | 1 | 80TRN47.5-52 | SCS1 | |
| 71 | 142-165-10 | Spring Washer | 3 | M12 | SUS304 | |
| 72 | 140-096-13 | Hex.Bolt | 3 | M12x25 | SUS304 | |

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| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 73 | 215-000-08 | Silencer Socket Set | 1 | TRN47.5/11-52/62 | FCMB | |
| 74 | 140-099-16 | Hex.Bolt | 2 | M12x40 | SUS304 | |
| 75 | 048-137-18 | Screwed Flange | 1 | NPT-3(P.C.140) | FC200 | |
| 76 | 121-509-15 | Packing | 1 | MBT(P.C.140) | NR | * |
| 77 | 215-107-26 | Silencer & Valve Set | 1 | 75/150-TR(PF-3) | CAC40 | |
| | 173-003-65 | Packing O-Ring Set | 1Set | (Marked by *) | | |
| 31 | 122-173-19 | O-Ring (M.Bracket/M.Frame) | 1 | V-225(222.5xd6) | NBR | * |
| 41 | 122-173-19 | O-Ring (M.Frame/Brg.Housing) | 1 | V-225(222.5xd6) | NBR | * |
| 50 | 121-247-12 | Packing (Oil Plug) | 2 | d12.3xd18x2t | Polyethylene | * |
| 57 | 122-265-19 | O-Ring (Brg.Housing/Air Passage) | 1 | 335xd5.7 | NBR | * |
| 76 | 121-509-15 | Packing (Screwed Flange) | 1 | MBT(P.C.140) | NR | * |
| | -- | Lubricant | | Turbine Oil VG32 6,000ml | | |

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EXPLODED VIEW

80TRN412-63



C-001624-1