

| PARTS LIST | | CONTRACTOR PUMPS | | | 1/24/2013 | |
|------------|------------------|---------------------------|-----|------------------------------------------|-----------|--------------------------------------------------------|
| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 1 | 010-103-21 | Cable Clip | 2 | No.4 | SPC | |
| 2 | 141-006-19 | Nut | 3 | M10 | SUS304 | |
| 3 | 140-074-15 | Bolt | 3 | M10x20 | SUS304 | |
| 4 | 009-113-17 | Terminal (Solderless) | 6 | R-38-10 | CU | |
| 5 | 009-117-11 | Terminal (Solderless) | 1 | R-22-6 | CU | |
| 6 | 009-116-10 | Terminal (Solderless) | 3 | R-2-4 | CU | |
| 7 | 001-303-12 (65') | Power Cable 65' | 1 | AWG 2/6, 4/1, 14/3 x 65' | 2PNCT.F | |
| 7 | 001-006-54 (65') | Power Cable 20m-CE | 1 | AWG 2/6, 4/1, 14/3 x 65', G/Y | 2PNCT.F | CE, Add Warning Labels. |
| 8 | 011-101-19 | Shackle | 1 | 6mm (M8) | SS400 | |
| 9 | 095-100-18 | Chain | 1 | d5(9-Link) | SS400 | |
| 10 | 072-108-15 | Lifting Eye Bolt | 2 | M30 | SS400 | =072-108-44. see 072-108-28 (SUS304) |
| 11 | 140-058-42 | Bolt | 4 | M8x40 (All Thread) | SUS304 | |
| 12 | 141-005-18 | Nut | 4 | M8 | SUS304 | |
| 13 | 003-150-18 | Gland | 1 | No.6 | FC200 | |
| 14 | 004-171-18 | Cable Bushing | 1 | d42.5xD65x25L | CR | |
| 15 | 005-137-15 | Bushing Washer | 1 | d43xD62x3.2t | SPC | |
| 16 | 006-118-13 | Stuffing Box | 1 | No.6 | FC200 | |
| 17 | 140-076-17 | Bolt | 4 | M10x30 | SUS304 | |
| 18 | 142-164-19 | Spring Washer | 4 | M10 | SUS304 | |
| 19 | 122-264-18 | O-Ring (Stuffing Box) | 1 | 140xd3.5 | NBR | * |
| 20 | 141-004-46 | Nut | 6 | M6 | BSBM | |
| 21 | 140-029-31 | Bolt | 6 | M6x10 | BSBM | |
| 22 | 009-167-16 | Terminal (Solderless) | 6 | R-38-S6 | CU | |
| 23 | 009-117-11 | Terminal (Solderless) | 6 | R-22-6 | CU | |
| 24 | 143-041-12 | Pan Screw | 1 | M6x8 | SWRM3 | |
| 25 | 009-117-11 | Terminal (Solderless) | 1 | R-22-6 | CU | |
| 26 | 009-115-19 | Connector | 3 | PC-4020F | | |
| 27 | 009-114-18 | Connector | 3 | PC-4020M | | |
| 27-1 | 002-128-14 | Heat Shrink Tube | 1 | EVA(d10x1t) | \$/3.2ft | |
| 27-2 | 002-164-12 | Heat Shrink Tube | 1 | A4(d13.2x0.3t) | \$/3.2ft | see 002-134-13(OLD) |
| 28 | 002-115-18 | Heat Shrink Tube | 1 | EVA(d16.5x1t) | \$/3.2ft | |
| 29 | 002-116-19 | Heat Shrink Tube | 1 | A4(d19x0.35t) | \$/3.2ft | |
| 30 | 037-000-68 | Discharge Pipe | 1 | LH855/875-51/61 (JIS10Kx200mm, H=415) | SGP+SS | 037-362-23(H=460) + 127-259-15/-260-19 are acceptable. |
| 30-1 | 048-000-52 | Companion Flange 8" NPT | 1 | JIS10K x NPT-8" | FC200 | USA , see 048-183-19 (OLD) |
| 30-2 | 121-109-24 | Gasket (Companion Flange) | 1 | JIS10K x 200mm | NR | USA, see 121-109-11 (OLD, NBR) |
| 30-3 | 140-155-11 | Bolt | 12 | M20x85 | SUS304 | USA |
| 30-4 | 141-009-12 | Nut | 12 | M20 | SUS304 | USA |
| 30-5 | 142-168-13 | Spring Washer | 12 | M20 | SUS304 | USA |
| 31 | 141-008-11 | Nut | 6 | M16 | SUS304 | |
| 32 | 142-166-11 | Spring Washer | 6 | M16 | SUS304 | |
| 33 | 144-436-24 | Stud Bolt | 6 | M16x69 (28/24) | SUS304 | |
| 34 | 121-500-16 | Gasket (Discharge Pipe) | 1 | LH637/875 | T-sheet | * |
| 35 | 127-000-41 | Bend Stay | 1 | LH855/875-51/61 (Right) | SS400 | |
| 36 | 140-126-13 | Bolt | 2 | M16x50 | SUS304 | |

| PARTS LIST | | CONTRACTOR PUMPS | | | 1/24/2013 | |
|------------|------------|---------------------------------|-----------|-------------------------------------------------|------------|------------------------------------------------------|
| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 37 | 140-124-11 | Bolt | 2 | M16x40 | SUS304 | |
| 38 | 142-166-11 | Spring Washer | 2 | M16 | SUS304 | |
| 39 | 142-166-11 | Spring Washer | 2 | M16 | SUS304 | |
| 40 | 141-008-11 | Nut | 2 | M16 | SUS304 | |
| 41 | 127-000-42 | Bend Stay | 1 | LH855/875-51/61 (Left) | SS400 | |
| 42 | 035-113-18 | Vacuum Test Plug (Oil Plug) | 1 | M12x14 (Socket Bolt, J=10) | SUS304 | |
| 43 | 121-247-12 | Gasket (Vacuum Test Plug) | 1 | d11.8xD18x2t | PE-sheet | * |
| 44 | 140-093-10 | Bolt | 2 | M10x120 | SUS304 | |
| 45 | 142-164-19 | Spring Washer | 2 | M10 | SUS304 | |
| 46 | 142-297-12 | Seal Washer (M.Head Cover Bolt) | 2 | SM-10 | SUS304+NBR | * |
| 47 | 140-076-17 | Bolt | 1 | M10x30 | SUS304 | |
| 48 | 142-164-19 | Spring Washer | 1 | M10 | SUS304 | |
| 49 | 140-130-10 | Bolt | 6 | M16x70 | SUS304 | |
| 50 | 142-166-11 | Spring Washer | 6 | M16 | SUS304 | |
| 51 | 051-231-13 | Motor Head Cover | 1 | LH637/875-50/60 | FC200 | |
| 52 | 122-503-12 | O-Ring (H.Cover/M.Bracket) | 1 | 435xd6 | NBR | * |
| 53 | 122-344-13 | O-Ring (H.Cover/M.Bracket) | 1 | 234.3xd5.7 | NBR | * |
| 54 | 140-130-10 | Bolt | 8 | M16x70 | SUS304 | |
| 55 | 142-166-11 | Spring Washer | 8 | M16 | SUS304 | |
| 56 | 050-000-85 | Motor Bracket | 1 | LH675-59/69 | FC200 | 050-000-62 (for -51/61, FC250) is acceptable. |
| 57 | 148-000-02 | Grease Nipple | 1 | A-PT1/8 | SUS304 | see 148-002-16 (BSBM) |
| 58 | 122-000-45 | O-Ring (M.Bracket/Out.Cover) | 1 | 494.5xd10(V-500) | NBR | * |
| 59 | 002-140-12 | Heat Shrink Tube | 2 (x140L) | ST-110DG(d19) | \$/3.2ft | |
| 60 | 181-000-11 | Cable Tie | 2 | T18R-HR (Heat Resistance), 100L x 2.5B x 22D | 46Nylon | 181-104-12 (T18R, 66nylon) is not acceptable. |
| 61 | 146-029-13 | Retaining Ring | 1 | C50 | SK-5 | |
| 62 | 052-137-11 | Roller Bearing (Upper) | 1 | NU310C3 | | |
| 63 | 061-000-08 | Bearing Collar | 1 | d70xD109x1.2t | SS400 | 061-000-04 (for -51/61, d74) is acceptable. |
| 64 | 113-000-08 | Bearing Grease Cup | 1 | LH675-59/69, U.Bearing | FC200 | 113-000-02 (for -51/61, FC150) is acceptable. |
| 65 | 142-163-18 | Spring Washer | 4 | M8 | SUS304 | 142-163-34 (SWRH) is acceptable. |
| 66 | 140-055-10 | Bolt | 4 | M8x25 | SUS304 | 140-055-49 (SWRM3) is acceptable. |
| 67 | 121-001-30 | Gasket (U.Bearing, Felt) | 2 | 6.0x5.5x235L | Felt | 121-001-16 (for -51/61, 6.4x6.4x235L) is acceptable. |
| 68 | 065-000-55 | Outer Cover | 1 | LH675-59/69 | SS400 | 065-000-43 (for -51/61) is acceptable. |
| 69 | 055-002-27 | Rotor and Shaft | 1 | LH675-59/69 | | 055-001-71 (for -51/61) is not acceptable. |
| 70 | 147-058-14 | Key | 1 | 12x8x52L (R/C) | SUS420J2 | =147-000-45. 147-069-18 is acceptable. |
| 71 | 053-306-16 | Motor Protector | 3 | 9700K-06-215 | | c/w Stator |
| 72 | 056-007-06 | Stator 380/400/415V-50HZ | 1 | LH675-59/69 (380/420-50, 380/460-60) | | |
| 72 | 056-007-06 | Stator 380/440/460V-60HZ | 1 | LH675-59/69 (380/420-50, 380/460-60) | | |
| 72 | 056-007-07 | Stator 575V-60HZ | 1 | LH675-59/69 (500/550-50, 575- 60) | | |
| 73 | 122-000-44 | O-Ring (M.Bracket/M.Frame) | 1 | G-350 | NBR | * |
| 74 | 064-001-07 | Motor Frame | 1 | LH675-59/69 | FC200 | 064-000-95 (for -51/61) is not acceptable. |
| 77 | 140-130-10 | Bolt | 8 | M16x70 | SUS304 | |
| 78 | 142-166-11 | Spring Washer | 8 | M16 | SUS304 | |
| 79 | 122-000-44 | O-Ring (M.Frame/B.Housing) | 1 | G-350 | NBR | * |
| 80 | 121-001-31 | Gasket (L.Bearing, Felt) | 1 | 6.0x5.5x252L | Felt | 121-001-17 (for -51/61, 6.4x6.4x255L) is acceptable. |

| PARTS LIST | | CONTRACTOR PUMPS | | | 1/24/2013 | |
|------------|------------|-------------------------------|------|-----------------------------------------|-----------|-----------------------------------------------|
| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 81 | 140-076-17 | Bolt | 4 | M10x30 | SUS304 | 140-076-33 (SWRM3) is acceptable. |
| 82 | 142-164-19 | Spring Washer | 4 | M10 | SUS304 | 142-164-35 (SWRH) is acceptable. |
| 83 | 062-000-18 | Bearing Cover | 1 | LH675-59/69, L.Bearing | FC200 | 062-000-13 (for -51/61, FC150) is acceptable. |
| 84 | 061-000-09 | Bearing Collar | 1 | d95xD139x3.2t | SS400 | 061-177-11 is acceptable. |
| 85 | 052-000-62 | Ball Bearing (Lower) | 1set | 7313ADBC3+Spacer (for LH6/875-59/69) | | 052-000-59 is not acceptable. |
| 85-1 | 052-122-13 | Ball Bearing (Lower) | 1set | 7313ADBC3 | | |
| 85-2 | 071-000-46 | Bearing Spacer | 1 | LH675-59/69, L.Bearing, Outer | S45C | c/w 052-000-62 |
| 85-3 | 071-000-47 | Bearing Spacer | 1 | LH675-59/69, L.Bearing, Inner | S45C | c/w 052-000-62 |
| 86 | 142-246-16 | Bearing Washer | 1 | AW13 | SPCC | |
| 87 | 141-078-12 | Bearing Nut | 1 | AN13 | SS400 | |
| 88 | 122-000-45 | O-Ring (Out.Cover/B.Housing) | 1 | 494.5xD10(V-500) | NBR | * |
| 89 | 060-001-34 | Bearing Housing | 1 | LH675-59/69 | FC200 | 060-001-11 (for -51/61) is acceptable. |
| 90 | 148-000-02 | Grease Nipple | 1 | A-PT1/8 | SUS304 | see 148-002-16 (BSBM) |
| 91 | 122-024-14 | O-Ring (Grease Plug) | 1 | P-25 | NBR | * |
| 92 | 144-000-48 | Grease Plug | 1 | M25x20 (Special) | SUS304 | 144-000-47 (for -51/61) is acceptable. |
| 93 | 121-247-12 | Gasket (Oil Plug) | 2 | d11.8xD18x2t | PE-sheet | * |
| 94 | 035-113-18 | Oil Plug | 2 | M12x14 (Socket Bolt, J=10) | SUS304 | |
| 95 | 122-307-14 | O-Ring (B.Housing/U.P.Casing) | 1 | 510xD5.7 | NBR | * |
| 96 | 090-122-11 | Leak Sensor | 1set | D9x43L | SUS420J2 | |
| 97 | 142-161-32 | Spring Washer | 2 | M5 | SWRH | see 142-161-16 |
| 98 | 140-021-33 | Bolt | 2 | M5x20 | SWRM3 | see 140-021-17 |
| 99 | 026-188-16 | Oil Seal | 1 | TC-60759 | NBR | |
| 100 | 071-000-48 | Spacer | 1 | d64xD75x3.2t | SS400 | 071-000-38 (for -51/61) is acceptable. |
| 101 | 122-149-16 | O-Ring (L.Bearing Grease Cup) | 1 | G-190 | NBR | * |
| 102 | 113-000-09 | Bearing Grease Cup | 1 | LH675-59/69, L.Bearing | FC200 | 113-000-03 (for -51/61, FC150) is acceptable. |
| 103 | 142-164-19 | Spring Washer | 8 | M10 | SUS304 | |
| 104 | 140-076-17 | Bolt | 8 | M10x30 | SUS304 | |
| 105 | 025-268-18 | Mechanical Seal | 1 | H-50T | SiC | |
| 106 | 143-028-13 | Pan Screw | 3 | M5x10 | SWRM3 | |
| 107 | 030-133-19 | Oil Lifter | 1 | H-50(T) | SPCC | |
| 108 | 122-308-15 | O-Ring (B.Housing/O.Casing) | 1 | 320xD5.7 | NBR | * |
| 109 | 029-178-12 | Oil Casing | 1 | GH-750H/L | FC200 | Oil Seal (026-114-11) is not necessary. |
| 110 | 142-165-10 | Spring Washer | 8 | M12 | SUS304 | |
| 111 | 140-097-14 | Bolt | 8 | M12x30 | SUS304 | |
| 112 | 122-308-15 | O-Ring (O.Casing/U.P.Casing) | 1 | 320xD5.7 | NBR | * |
| 113 | 071-142-18 | Shaft Sleeve (Upper) | 1 | GH-550/750 (Flange) | SUS403 | see 071-152-11(for LH690/6110) |
| 114 | 020-A84-13 | Upper Pump Casing | 1 | LH855/675, Upp. (w/ New Labyrinth Ring) | FC200 | 020-427-25(OLD) |
| 114-1 | 026-166-21 | Labyrinth Ring | 1 | LH675/875 (New) | SUS304 | 026-166-18(OLD) |
| 115 | 144-160-24 | Stud Bolt | 8 | M16x80 | SUS304 | 144-160-11(OLD) |
| 116 | 122-016-13 | O-Ring (U.P.Casing Bolt) | 8 | P-16 | NBR | * |
| 117 | 142-166-11 | Spring Washer | 8 | M16 | SUS304 | |
| 118 | 141-008-11 | Nut | 8 | M16 | SUS304 | |
| 119 | 071-153-12 | Shaft Sleeve (Lower) | 1 | d45xD55x57.5L | SUS403 | see 071-143-19(58L for GH-550/750) |
| 120 | 026-177-12 | Oil Seal | 1 | TCN-557812 | NBR | |

| PARTS LIST | | CONTRACTOR PUMPS | | | 1/24/2013 | |
|---------------------|------------|---------------------------------|------|------------------------------------|--------------|----------------------------------------|
| ITEM | PART No. | DESCRIPTION | QTY | SIZE | MATERIAL | NOTES |
| 121 | 040-127-11 | Impeller Shim | | d45.2xD68x0.3t (Type B) | SUS304 | |
| 122 | 021-409-24 | Impeller | 1 | GH-875-60Hz | HiCrFC | |
| 122 | 021-408-23 | Impeller | 1 | GH-875-50Hz | HiCrFC | |
| 123 | 142-274-13 | Impeller Washer | 1 | d33xD75x6t | SUS304 | |
| 124 | 141-012-50 | Nut | 1 | M30 (M=18) | SUS304 | |
| 125 | 141-036-18 | Acorn Nut | 1 | M30 | SUS304 | |
| 126 | 121-000-31 | Gasket (U./L. P.Casing) | 1 | d403xD516x0.6t, LH855/875 | T-sheet | see 121-271-15(OLD for LH855/675/875) |
| 127 | 020-428-42 | Lower Pump Casing | 1 | GH-550/750L, Low. | FC200 | |
| 128 | 142-166-11 | Spring Washer | 8 | M16 | SUS304 | |
| 129 | 140-125-12 | Bolt | 8 | M16x45 | SUS304 | |
| 130 | 120-118-10 | Gasket (S.Mouth) | | d211xD274x0.5t | PE-sheet | |
| 131 | 034-118-10 | Suction Mouth | 1 | GH-750H/L | HiCrFC | |
| 132 | 142-165-10 | Spring Washer | 6 | M12 | SUS304 | |
| 133 | 140-096-13 | Bolt | 6 | M12x25 | SUS304 | |
| 134 | 144-128-17 | Stud Bolt | 4 | M16x110 (24/24) | SUS304 | |
| 135 | 023-266-10 | Suction Strainer | 1 | GH-750L | SS400 | LH875 |
| 136 | 141-008-11 | Nut | 4 | M16 | SUS304 | |
| 137 | 141-007-10 | Nut | 3 | M12 | SUS304 | |
| 138 | 142-129-12 | Washer | 3 | M12 | SUS304 | |
| 139 | 142-165-10 | Spring Washer | 3 | M12 | SUS304 | |
| 140 | 043-102-19 | Cathodic Prot. Plate | 3 | AB-1HS | AL | |
| 141 | 140-097-14 | Bolt | 3 | M12x30 | SUS304 | |
| <Gasket O-Ring Set> | | | | | | |
| | 173-002-96 | Gasket O-Ring Set | 1set | (*) | | 173-002-26 (for -51/61) is acceptable. |
| 19 | 122-264-18 | O-Ring (Stuffing Box) | 1 | 140xD3.5 | NBR | * |
| 34 | 121-500-16 | Gasket (Discharge Pipe) | 1 | LH637/875 | T-sheet | * |
| 43 | 121-247-12 | Gasket (Vacuum Test Plug) | 1 | d11.8xD18x2t | PE-sheet | * |
| 46 | 142-297-12 | Seal Washer (M.Head Cover Bolt) | 2 | SM-10 | SUS304+NBR | * |
| 52 | 122-503-12 | O-Ring (H.Cover/M.Bracket) | 1 | 435xD6 | NBR | * |
| 53 | 122-344-13 | O-Ring (H.Cover/M.Bracket) | 1 | 234.3xD5.7 | NBR | * |
| 58 | 122-000-45 | O-Ring (M.Bracket/Out.Cover) | 1 | 494.5xD10(V-500) | NBR | * |
| 73 | 122-000-44 | O-Ring (M.Bracket/M.Frame) | 1 | G-350 | NBR | * |
| 79 | 122-000-44 | O-Ring (M.Frame/B.Housing) | 1 | G-350 | NBR | * |
| 88 | 122-000-45 | O-Ring (Out.Cover/B.Housing) | 1 | 494.5xD10(V-500) | NBR | * |
| 91 | 122-024-14 | O-Ring (Grease Plug) | 1 | P-25 | NBR | * |
| 93 | 121-247-12 | Gasket (Oil Plug) | 2 | d11.8xD18x2t | PE-sheet | * |
| 95 | 122-307-14 | O-Ring (B.Housing/U.P.Casing) | 1 | 510xD5.7 | NBR | * |
| 101 | 122-149-16 | O-Ring (L.Bearing Grease Cup) | 1 | G-190 | NBR | * |
| 108 | 122-308-15 | O-Ring (B.Housing/O.Casing) | 1 | 320xD5.7 | NBR | * |
| 112 | 122-308-15 | O-Ring (O.Casing/U.P.Casing) | 1 | 320xD5.7 | NBR | * |
| 116 | 122-016-13 | O-Ring (U.P.Casing Bolt) | 8 | P-16 | NBR | * |
| | | Lubricant | | Turbine Oil#32 6,100 mL (206 floz) | (SAE 10W-20) | |

EXPLODED VIEW LH675/875-59/69

