

| PARTS LIST |            | CONTRACTOR PUMPS                      |      |               | 6/18/2012 |       |
|------------|------------|---------------------------------------|------|---------------|-----------|-------|
| ITEM       | PART No.   | DESCRIPTION                           | QTY  | SIZE          | MATERIAL  | NOTES |
| 1          |            | Cabtyre Cable Set                     |      |               |           |       |
| 1          | 001-210-24 | Cabtyre Cable Set (6m)220V-60Hz(TWN)  | 1    | VCT4Cx3.5mm2  | CL2       |       |
| 1          | 001-210-37 | Cabtyre Cable Set (10m)440V-60Hz(USA) | 1    | VCT4Cx3.5mm2  | CL2       |       |
| 1          | 001-366-26 | Cabtyre Cable Set (6m)380V-50Hz       | 1    | VCT4Cx2mm2    | CL2       |       |
| 1          | 001-366-26 | Cabtyre Cable Set (6m)415V-50Hz       | 1    | VCT4Cx2mm2    | CL2       |       |
| 2          | 140-018-24 | Hex.Bolt                              | 3    | M5x15         | SUS316    |       |
| 3          | 003-157-15 | Gland                                 | 1    | 37-CL2        | SUS316    |       |
| 4          | 009-150-16 | Terminal                              | 3    | 8-SD          | CU        |       |
| 5          | 072-102-35 | Eve Bolt                              | 2    | M12           | SUS316    |       |
| 6          | 050-290-17 | Motor Bracket                         | 1    |               | SCS14     |       |
| 7          | 140-055-36 | Hex.Bolt                              | 4    | M8x25         | SUS316    |       |
| 8          | 142-163-21 | Spring Washer                         | 4    | M8            | SUS316    |       |
| 9          |            | Motor Protector                       |      |               |           |       |
| 9          | 053-241-12 | Motor Protector 220V-60Hz             | 1    | KA313-GGXL110 | (H.C)     |       |
| 9          | 053-254-18 | Motor Protector 380V-50Hz             | 1    | KA313-GCXL103 | (H.C)     |       |
| 9          | 053-254-18 | Motor Protector 400V-50Hz             | 1    | KA313-GCXL103 | (H.C)     |       |
| 9          | 053-254-18 | Motor Protector 400/440V-60Hz         | 1    | KA313-GCXL103 | (H.C)     |       |
| 9          | 053-254-18 | Motor Protector 415V-50Hz             | 1    | KA313-GCXL103 | (H.C)     |       |
| 10         | 142-160-31 | Spring Washer                         | 2    | M4            | SWRH      |       |
| 11         | 143-016-18 | Pan Screw                             | 2    | M4x12         | SWRM      |       |
| 12         | 009-122-19 | Terminal                              | 1    | R-3.5-4       | CU        |       |
| 13         | 142-124-20 | Plain Washer                          | 1    | M4            | SPC       |       |
| 14         | 143-086-22 | Pan Screw (w/Spring Washer)           | 1    | M4x8          | SWRM      |       |
| 15         | 142-196-10 | Wave Washer                           | 1    | 6205/6304     | SK5       |       |
| 16         | 052-107-12 | Bearing                               | 1    | 6304ZZC3      |           |       |
| 17         | 058-143-18 | Lead Wire Protection Plate(1st)       | 1    | d70xd165x1.6t | Bakelite  |       |
| 17         | 058-191-11 | Lead Wire Protection Plate(2nd)       | 1    | d70xd165x2t   | Bakelite  |       |
| 18         | 055-404-11 | Rotor                                 | 1Set |               |           |       |
| 19         | 147-085-10 | Impeller Key                          | 1    | 5x5x22l       | SUS316    |       |
| 20         |            | Stator                                | 1Set |               |           |       |
| 21         | 122-332-21 | O-Ring                                | 1    | 160xd2        | VITON     |       |
| 22         | 064-342-18 | Motor Frame(1st)                      | 1    |               | SCS14     |       |
| 22         | 064-342-21 | Motor Frame(2nd)                      | 1    | ITstamp       | SCS14     |       |
| 23         | 122-332-21 | O-Ring                                | 1    | 160xd2        | VITON     |       |
| 24         | 143-042-13 | Pan Screw                             | 3    | M6x10         | SWRM      |       |
| 25         | 062-196-19 | Bearing Fixing Washer                 | 3    | d8xd20.5x2.3t | SS        |       |
| 26         | 052-110-18 | Bearing                               | 1    | 6307ZZC3      |           |       |
| 27         | 146-022-16 | Retaining Ring                        | 1    | C35           | SK5       |       |
| 28         | 140-076-20 | Hex.Bolt                              | 4    | M10x30        | SUS316    |       |
| 29         | 142-164-22 | Spring Washer                         | 4    | M10           | SUS316    |       |
| 30         | 060-276-18 | Bearing Housing                       | 1    |               | SCS14     |       |
| 31         | 142-163-21 | Spring Washer                         | 4    | M8            | SUS316    |       |
| 32         | 140-055-36 | Hex.Bolt                              | 4    | M8x25         | SUS316    |       |
| 33         | 035-102-14 | Oil Plug                              | 1    | M12x16(B=21)  | SUS316    |       |



MODEL 80SFQ23.7-61

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| ITEM       | PART No.   | DESCRIPTION                   | QTY  | SIZE                   | MATERIAL  | NOTES |
| 34         | 122-259-23 | O-Ring                        | 1    | 12xd3                  | VITON     |       |
| 35         | 025-188-13 | Mechanical Seal               | 1    | X-25W                  | SiC       |       |
| 36         | 143-070-23 | Pan Screw                     | 2    | M5x6                   | SWRM      |       |
| 37         | 030-143-12 | Oil Lifter                    | 1    | H-25(A)(T)             | Resin     |       |
| 38         | 143-070-10 | Pan Screw                     | 2    | M5x6                   | SWRM      |       |
| 39         | 030-152-14 | Seal Stopper                  | 1    | H-25(A)(T)             | SPCC      |       |
| 40         | 122-143-23 | O-Ring                        | 1    | G-160(159.3xd5.7)      | VITON     |       |
| 41         | 020-548-10 | Pump Casing                   | 1    | 37-CL2                 | SCS14     |       |
| 42         | 040-120-14 | Impeller Shim                 |      | d20.2xd30x0.3t         | SUS316    |       |
| 43         | 021-224-10 | Impeller (50Hz)               | 1    | 80SFQ23.7-51           | SCS14     |       |
| 43         | 021-225-11 | Impeller (60Hz)               | 1    | 80SFQ23.7-61           | SCS14     |       |
| 44         | 142-130-32 | Plain Washer                  | 1    | M16                    | SUS316    |       |
| 45         | 142-166-24 | Spring Washer                 | 1    | M16                    | SUS316    |       |
| 46         | 141-033-28 | Hex.Cap Nut                   | 1    | M16                    | SUS316    |       |
| 47         | 120-127-12 | Packing (S.Cover)             |      | d171xd186x0.3t         | PE        |       |
| 48         | 022-307-11 | Suction Cover                 | 1    | 37-CL                  | SCS14     |       |
| 49         | 142-164-22 | Spring Washer                 | 3    | M10                    | SUS316    |       |
| 50         | 140-074-28 | Hex.Bolt                      | 3    | M10x20                 | SUS316    |       |
| 51         | 023-116-27 | Strainer                      | 1    | 37-CL                  | SUS316    |       |
| 52         | 049-129-10 | Bottom Plate                  | 1    | 37-CL                  | SCS14     |       |
| 53         | 142-164-22 | Spring Washer                 | 3    | M10                    | SUS316    |       |
| 54         | 140-086-23 | Hex.Bolt                      | 3    | M10x75                 | SUS316    |       |
| 55         | 032-124-13 | Hose Coupling                 | 1    | 80mm                   | SCS14     |       |
| 56         | 140-098-28 | Hex.Bolt                      | 2    | M12x35                 | SUS316    |       |
| 57         | 142-165-23 | Spring Washer                 | 2    | M12                    | SUS316    |       |
| 58         | 048-119-14 | Screwed Flange                | 1    | 80mm(P.C.140)          | SCS14     |       |
| 59         | 121-150-17 | Packing                       | 1    | P.C.140xd85x2t         | Cork      |       |
|            |            | <Packing O-Ring Set>          |      |                        |           |       |
|            | 173-281-19 | Packing O-Ring Set            | 1Set | (Marked by *)          |           |       |
| 21         | 122-332-21 | O-Ring (M.Bracket/M.Frame)    | 1    | 160xd2                 | VITON     |       |
| 23         | 122-332-21 | O-Ring (M.Frame/Brq.Housing)  | 1    | 160xd2                 | VITON     |       |
| 34         | 122-259-23 | O-Ring (Oil Plug)             | 1    | 12xd3                  | VITON     |       |
| 40         | 122-143-23 | O-Ring (Brq.Housing/P.Casing) | 1    | G-160(159.3xd5.7)      | VITON     |       |
| 59         | 121-150-17 | Packing (Screwed Flange)      | 1    | P.C.140xd85x2t         | Cork      |       |
|            |            | Lubricant                     |      | Turbine Oil VG32 850ml |           |       |
|            |            |                               |      |                        |           |       |
|            |            |                               |      |                        |           |       |
|            |            |                               |      |                        |           |       |
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|            |            |                               |      |                        |           |       |
|            |            |                               |      |                        |           |       |
|            |            |                               |      |                        |           |       |

\* Indicates items included in set

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|------------|----------|------------------|-----|------|----------|-----------|
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## EXPLODED VIEW

80SFQ23.7-51/61 (37-CL2)

