



| Item | Description                                | Quantity | **/10<br>Part<br>Number | **/13<br>Part<br>Number | **/20<br>Part<br>Number |
|------|--|----------|-------------------------|-------------------------|-------------------------|
| 1    | Suction casing                             | 1        |                         |                         |                         |
| 1.3  | Drain plug                                 | 6        |                         |                         |                         |
| 2    | Discharge casing                           | 1        |                         |                         |                         |
| 3    | Shaft                                      | 1        |                         |                         |                         |
| 3.4  | Ball bearing locknut                       | 1        | ●                       | ●                       | ●                       |
| 3.5  | Impeller locknut                           | 1        | ●                       | ●                       | ●                       |
| 3.9  | 1st stage impeller key                     | 1        | ⚡                       | ⚡                       | ⚡                       |
| 3.10 | 2nd stage impeller key                     | 1        | ⚡                       | ⚡                       | ⚡                       |
| 3.11 | Coupling key                               | 1        | ⚡                       | ⚡                       | ⚡                       |
| 3.12 | Lip seal                                   | 2        | ●                       | ●                       | ●                       |
| 4    | Impeller housing (1st stage)               | 1        |                         |                         |                         |
| 4.3  | Drain plug                                 | 2        |                         |                         |                         |
| 5    | Impeller housing (2nd stage)               | 1        |                         |                         |                         |
| 7    | Bearing cover coupling side                | 1        |                         |                         |                         |
| 7.3  | Greaser                                    | 2        |                         |                         |                         |
| 8    | Bearing cover opposite coupling side       | 1        |                         |                         |                         |
| 8.1  | Hex. Screw                                 | 4        |                         |                         |                         |
| 8.2  | Nut  | 4        |                         |                         |                         |
| 9    | Tie rod                                    | 8        |                         |                         |                         |
| 9.1  | Nut  | 16       |                         |                         |                         |
| 9.2  | Washer                                     | 16       |                         |                         |                         |
| 10.1 | 1st stage discharge port plate             | 1        |                         |                         |                         |
| 10.2 | 2nd stage suction port plate               | 1        |                         |                         |                         |
| 10.3 | Locating pin                               | 1        |                         |                         |                         |
| 11   | Internal bearing cover - opposite coupling | 1        |                         |                         |                         |
| 11.1 | Internal bearing cover - coupling side     | 1        |                         |                         |                         |
| 12   | Suction port plate                         | 1        |                         |                         |                         |
| 14   | Discharge port plate                       | 1        |                         |                         |                         |
| 16   | Impellet 1st stage                         | 1        |                         |                         |                         |
| 18   | Impeller 2nd stage                         | 1        |                         |                         |                         |
| 20   | Bearing housing                            | 2        |                         |                         |                         |
| 20.1 | Housing guard                              | 4        |                         |                         |                         |
| 20.2 | Hex. Screw                                 | 8        | ⚡                       | ⚡                       | ⚡                       |
| 20.3 | Washer                                     | 8        | ⚡                       | ⚡                       | ⚡                       |
| 22   | Manifold                                   | 1        |                         |                         |                         |
| 24   | Impeller spacer                            | 1        | ●                       | ●                       | ●                       |
| 33   | Roller bearing                             | 2        | ●                       | ●                       | ●                       |
| 34   | Stud                                       | 8        | ⚡                       | ⚡                       | ⚡                       |
| 34.1 | Nut  | 8        | ⚡                       | ⚡                       | ⚡                       |
| 36   | Hex. Head stud                             | 16       | ⚡                       | ⚡                       | ⚡                       |
| 39   | Hex. Screw                                 | 16       | ⚡                       | ⚡                       | ⚡                       |
| 44   | Hex. Screw                                 | 2        | ⚡                       | ⚡                       | ⚡                       |
| 50.2 | Flat gasket                                | 2        | ●                       | ●                       | ●                       |
| 50.3 | Flat gasket                                | 4        | ●                       | ●                       | ●                       |
| 50.4 | Flat gasket                                | 2        | ●                       | ●                       | ●                       |
| 50.5 | Flat gasket between central elements       | 1        | ●                       | ●                       | ●                       |
| 51   | Packing                                    | 1        | ●                       | ●                       | ●                       |
| 60   | Mechanical seal drive side                 | 1        | ●                       | ●                       | ●                       |
| 61   | Mechanical seal opposite drive side        | 1        | ●                       | ●                       | ●                       |
| 62   | Mechanical seal flange                     | 2        | ●                       | ●                       | ●                       |
| 63   | Mechanical seal spacer                     | 2        | ●                       | ●                       | ●                       |
| 63.1 | Headless screw                             | 4        | ⚡                       | ⚡                       | ⚡                       |
| 64   | Flat gasket                                | 2        | ●                       | ●                       | ●                       |
| 65   | Stud                                       | 8        | ⚡                       | ⚡                       | ⚡                       |
| 65.1 | Nut  | 8        | ⚡                       | ⚡                       | ⚡                       |
| 66   | Pin  | 2        | ⚡                       | ⚡                       | ⚡                       |
| 68   | Bearing spacer ring                        | 1        | ⚡                       | ⚡                       | ⚡                       |
| ●    | Repair Kit                                 | 1        |                         |                         |                         |
| ⚡    | Kit of nuts and bolts                      | 1        |                         |                         |                         |

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