



- When the pump shaft (part 1) is inserted into the pump body, the cylindrical surface at the insertion end shall be coated with white grease.
- The diaphragm nut (part 6) needs to be coated with thread locking glue (medium strength). When tightening, the strength should not be too large, but enough tightening should be ensured.
- When tightening hexagon head bolts (No. 11, No. 25), the force should not be too large, but enough tightening should be ensured.
- When tightening the hexagon nut (No. 8), the force should not be too large, but enough tightening should be ensured.

1" PPI1 Non-metallic Diaphragm Pump (DP11-25BPPXXXXX)

### Fluid Section

|  |    |       |       |    |    |                       |    |    |  |  |       |             |
|--|----|-------|-------|----|----|-----------------------|----|----|--|--|-------|-------------|
| 标记   | 页数 | 分区    | 更改文件号 | 签名 | 日期 | NUUDEAN PUMP CO., LTD |    |    |  |  |       |             |
| 设计   |    |       | 标准化   |    |    |                       |    |    |  |  |       |             |
| 审核   |    |       | 批准    |    |    | NDA-P2P96             |    |    |  |  |       |             |
| 工艺   |    |       |       |    |    |                       |    |    |  |  |       |             |
| <table border="1"> <tr> <td>拆袋标记</td> <td>质量</td> <td>比例</td> </tr> <tr> <td></td> <td></td> <td>1:2:1</td> </tr> </table> |    |       |       |    |    | 拆袋标记                  | 质量 | 比例 |  |  | 1:2:1 | 共 7 页 第 7 张 |
| 拆袋标记   | 质量 | 比例    |       |    |    |                       |    |    |  |  |       |             |
|  |    | 1:2:1 |       |    |    |                       |    |    |  |  |       |             |



## 1" DP11 Non-metallic Diaphragm Pump(DP11-25BPXXXXXX)

## Part List Of Fluid Section

| Position | Part Name               | Part No.  | Material             | Quantity |   |
|----------|-------------------------|-----------|----------------------|----------|---|
| 1        | Rod                     | NDA-PD66  | Stainless Steel      | 1        |   |
| 2        | O Ring                  | Y328-14   | PTFE                 | 4        |   |
| 3        | Plate-Air Side          | 93441-2   | Carbon Steel         | 2        |   |
| 4        | Backer Diaphragm        | 92973-B   | Santoprene           | 2        | Used as a backer when No.5 is PTFE(white) Diaphragm |
| 5        | Diaphragm               | 90533-1   | Neoprene             | 2        |   |
|          |                         | 90533-2   | Nitrile              | 2        |   |
|          |                         | 90533-3   | Viton                | 2        |   |
|          |                         | 93459-4   | PTFE                 | 2        |   |
|          |                         | 90533-9   | Hytrel               | 2        |   |
|          |                         | 90533-B   | Santoprene           | 2        |   |
| 6        | Diaphragm Bolt          | NDA-PH72  | PP & Stainless Steel | 2        |   |
| 7        | Bolt                    | Y84-403-T | Stainless Steel      | 8        |   |
| 8        | Nut                     | Y12-4-S   | Stainless Steel      | 8        |   |
| 9        | Fluid Cap               | NDA-PB77  | Polypropylene        | 2        |   |
| 10       | Washer                  | NDA-PX27  | Stainless Steel      | 16       |   |
| 11       | Bolt                    | NDA-PX28  | Stainless Steel      | 12       |   |
| 12       | Bolt                    | NDA-PX29  | Stainless Steel      | 4        |   |
| 13       | Washer                  | 93360-1   | Stainless Steel      | 8        |   |
| 14       | O Ring                  | 93281     | PTFE                 | 8        |   |
|          |                         | 93279     | E. P. R.             | 8        |   |
|          |                         | Y327-220  | Viton                | 8        |   |
| 15       | O Ring                  | 93282     | PTFE                 | 4        |   |
|          |                         | 93280     | E. P. R.             | 4        |   |
|          |                         | Y327-225  | Viton                | 4        |   |
| 16       | Swivel                  | NDA-PC78  | Polypropylene        | 2        |   |
| 17       | Manifold, Outlet (Top)  | 93236     | Polypropylene        | 2        |   |
| 18       | Manifold, Foot (Bottom) | 93237     | Polypropylene        | 2        |   |
| 19       | Nut                     | NDA-PX12  | Stainless Steel      | 16       |   |
| 20       | Clamp                   | 93283     | Stainless Steel      | 8        |   |
| 21       | Ball (31.75mm)          | 93278-4   | PTFE                 | 4        |   |
|          |                         | 93278-A   | Santoprene           | 4        |   |
|          |                         | 92408     | Stainless Steel      | 4        |   |
| 22       | Seat                    | 94707-1   | Polypropylene        | 4        |   |
|          |                         | 96151     | Stainless Steel      | 4        |   |
| 23       | O Ring                  | Y328-112  | PTFE                 | 2        |   |
| 24       | Bolt                    | NDA-PX30  | Stainless Steel      | 4        |   |
| 25       | Bolt                    | NDA-PX31  | Stainless Steel      | 4        |   |
| 26       | Plastic Cap             | NDA-PU09  | Plastic              | 2        |   |
| 27       | Plastic Cap             | NDA-PU02  | Plastic              | 1        |   |