

**Pressure-Resistant Explosion-Proof Types**

NS Pump **NP-S/D-T**  
**NP-EX/GX-T** Series



# Pressure-Resistant Explosion-Proof Types

## NS Pump NP-S/D-T Series



NP-S-T

### 特 長

### Features

- コンパクトな設計
- 操作简单
- ストローク長にて流量調整
- 低価格
- 最大 204ml/min. 迄多機種
- ※コンデンサーは非防爆品です。非防爆区域に設置してください。
- NP-D-T は 2 液送液可能です。

- ◎Compact design
- ◎Easy operation
- ◎Length of stroke used to adjust flow rate
- ◎Competitively priced
- ◎Various models up to Max of 204ml/min
- ※ Condenser is not explosion-proof. Please install it in a non-hazardous area.
- ◎Two-fluid feed possible with NP-D-T

### 仕 様

### Specifications

## NP-S-T

| 型式<br>Model                            | 流量 (ml/min.)<br>Flow rate (ml/min)       |                                          | 最高吐出圧力<br>(MPa)<br>Max delivery pressure (MPa) |
|----------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------------|
|                                        | 50Hz                                     | 60Hz                                     |                                                |
| NP-S-251T<br>NP-S-252T<br>NP-S-253T    | 0.25 ~ 2.5<br>0.15 ~ 1.5<br>0.09 ~ 0.9   | 0.29 ~ 2.9<br>0.18 ~ 1.8<br>0.11 ~ 1.1   | 30                                             |
| NP-S-321T<br>NP-S-322T<br>NP-S-323T    | 0.87 ~ 8.7<br>0.52 ~ 5.2<br>0.31 ~ 3.1   | 1.04 ~ 10.4<br>0.63 ~ 6.3<br>0.38 ~ 3.8  | 30                                             |
| NP-S-461T<br>NP-S-462T<br>NP-S-463T    | 1.80 ~ 18.0<br>1.08 ~ 10.8<br>0.65 ~ 6.5 | 2.16 ~ 21.6<br>1.30 ~ 13.0<br>0.78 ~ 7.8 | 15                                             |
| NP-S-701T<br>NP-S-702T<br>NP-S-703T    | 4.17 ~ 41.7<br>2.5 ~ 25.0<br>1.5 ~ 15.0  | 5.0 ~ 50.0<br>3.00 ~ 30.0<br>1.80 ~ 18.0 | 8                                              |
| NP-S-1001T<br>NP-S-1002T<br>NP-S-1003T | 8.5 ~ 85<br>5.1 ~ 51<br>3.06 ~ 30.6      | 10.2 ~ 102<br>6.1 ~ 61<br>3.67 ~ 36.7    | 3                                              |

|                               |                                                                        |  |  |
|-------------------------------|------------------------------------------------------------------------|--|--|
| 接液部材質<br>Wetted part material | SUS316, Sapphire, Ruby, Zirconia, Alumina, UHMWPE, PTFE, PEEK, Elgiloy |  |  |
| 外形寸法※<br>External dimensions  | 145(W)×380(H)×255(D)                                                   |  |  |
| 重量<br>Weight                  | 10kg                                                                   |  |  |
| 電源<br>Power source            | AC100V, 50/60Hz, 0.7A                                                  |  |  |

ノンメタリック仕様もございます。  
上記以外の仕様をご相談ください。  
※外形寸法には配管を含みません。

Non-metallic specifications also available.  
Please contact us for details about specifications other than those provided above.  
\* External dimensions do not include tubing.

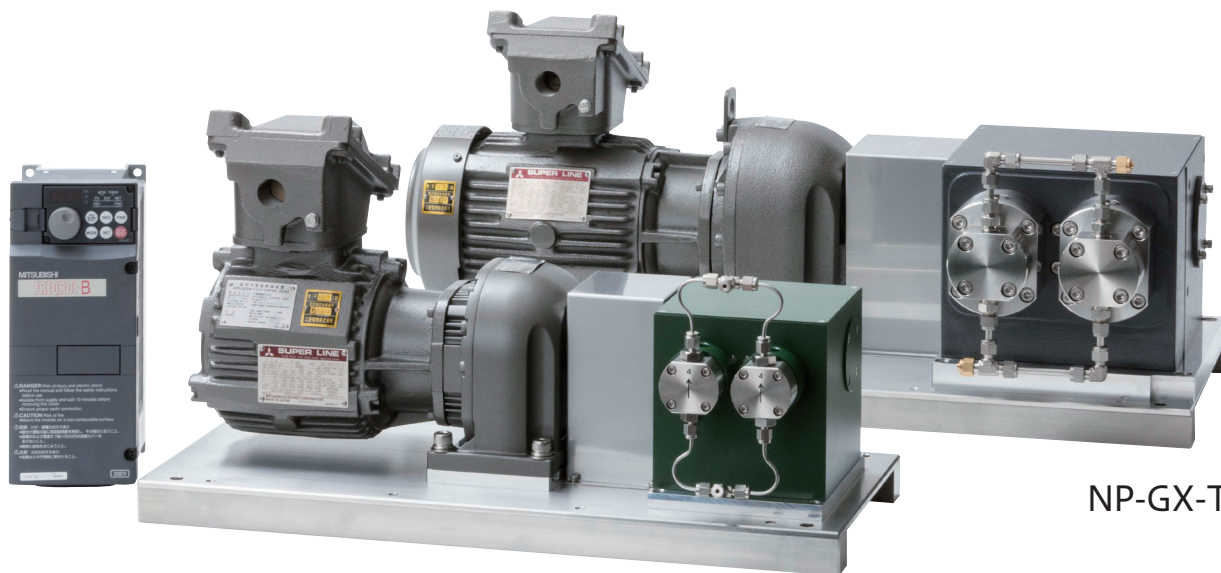
## NP-D-T

| 型式<br>Model                            | 流量 (ml/min.)<br>Flow rate (ml/min)             |                                                | 最高吐出圧力<br>(MPa)<br>Max delivery pressure (MPa) |
|----------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
|                                        | 50Hz                                           | 60Hz                                           |                                                |
| NP-D-251T<br>NP-D-252T<br>NP-D-253T    | 0.25 ~ 2.5×2<br>0.15 ~ 1.5×2<br>0.09 ~ 0.9×2   | 0.29 ~ 2.9×2<br>0.18 ~ 1.8×2<br>0.11 ~ 1.1×2   | 30                                             |
| NP-D-321T<br>NP-D-322T<br>NP-D-323T    | 0.87 ~ 8.7×2<br>0.52 ~ 5.2×2<br>0.31 ~ 3.1×2   | 1.04 ~ 10.4×2<br>0.63 ~ 6.3×2<br>0.38 ~ 3.8×2  | 30                                             |
| NP-D-461T<br>NP-D-462T<br>NP-D-463T    | 1.80 ~ 18.0×2<br>1.08 ~ 10.8×2<br>0.65 ~ 6.5×2 | 2.16 ~ 21.6×2<br>1.30 ~ 13.0×2<br>0.78 ~ 7.8×2 | 15                                             |
| NP-D-701T<br>NP-D-702T<br>NP-D-703T    | 4.17 ~ 41.7×2<br>2.5 ~ 25.0×2<br>1.5 ~ 15.0×2  | 5.0 ~ 50.0×2<br>3.00 ~ 30.0×2<br>1.80 ~ 18.0×2 | 8                                              |
| NP-D-1001T<br>NP-D-1002T<br>NP-D-1003T | 8.5 ~ 85×2<br>5.1 ~ 51×2<br>3.06 ~ 30.6×2      | 10.2 ~ 102×2<br>6.1 ~ 61×2<br>3.67 ~ 36.7×2    | 3                                              |

|                               |                                                                        |  |  |
|-------------------------------|------------------------------------------------------------------------|--|--|
| 接液部材質<br>Wetted part material | SUS316, Sapphire, Ruby, Zirconia, Alumina, UHMWPE, PTFE, PEEK, Elgiloy |  |  |
| 外形寸法※<br>External dimensions  | 403(W)×221(H)×255(D)                                                   |  |  |
| 重量<br>Weight                  | 15kg                                                                   |  |  |
| 電源<br>Power source            | AC100V, 50/60Hz, 0.7A                                                  |  |  |

# Pressure-Resistant Explosion-Proof Types

## NS Pump NP-EX/GX-T Series



NP-GX-T

NP-EX-T

※写真はイメージです。実際の商品とは異なる場合がございます。

### 特 長

### Features

- インバータ制御
- 最大流量 900ml/min. まで多機種
- 低脈流送液

※インバータは非防爆品です。非防爆区域に設置してください。

◎Inverter control

◎Various models up to a Max flow rate of 900ml/min

◎Low-pulsating flow feed fluid

※ Inverter is not explosion-proof. Please install it in a non-hazardous area.

### 仕 様

### Specifications

## NP-EX-T

| 型式<br>Model | 流量 (ml/min.)<br>Flow rate (ml/min) | 最高吐出压力<br>(MPa)<br>Max delivery pressure<br>(MPa) | 接液部材質<br>Wetted part material                                                          | 外形寸法 ※ 1<br>External dimensions | 重量<br>Weight | 電源<br>Power source                         |
|-------------|------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------|--------------|--------------------------------------------|
| NP-EX-1T    | 0.05 ~ 0.99                        | 50                                                | SUS316<br>Sapphire<br>Ruby<br>Zirconia<br>Alumina<br>UHMWPE<br>PTFE<br>PEEK<br>Elgiloy | 600(W)<br>342(H)<br>260(D)      | 50kg         | 3 相 200V<br>0.4KW<br>3-phase 200V<br>0.4KW |
| NP-EX-10T   | 0.52 ~ 10.4                        | 50                                                |                                                                                        |                                 |              |                                            |
| NP-EX-20T   | 1.1 ~ 21.6                         | 30                                                |                                                                                        |                                 |              |                                            |
| NP-EX-50T   | 2.5 ~ 50.0                         | 20                                                |                                                                                        |                                 |              |                                            |
| NP-EX-100T  | 5.1 ~ 102.0                        | 10                                                |                                                                                        |                                 |              |                                            |
| NP-EX-300T  | 14.0 ~ 280.0                       | 7                                                 |                                                                                        |                                 |              |                                            |
| NP-GX-200T  | 10.0 ~ 200.0                       | 30                                                |                                                                                        | 778(W)<br>353(H)<br>383(D)      | 65kg         |                                            |
| NP-GX-300T  | 16.6 ~ 333.3                       | 30                                                |                                                                                        |                                 |              |                                            |
| NP-GX-800T  | 41.8 ~ 837.3                       | 10                                                |                                                                                        |                                 |              |                                            |

※ 1 型式により外形寸法が異なります。 External dimensions vary depending on model.

ノンメタリック仕様もございます。 Non-metallic specifications also available.

上記以外の仕様はご相談ください。 Please contact us for details about specifications other than those provided above.

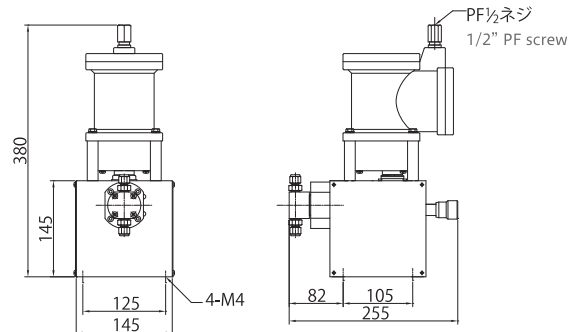
※ 1 外形寸法には配管を含みません。 \* External dimensions do not include tubing.

# NS Pump Pressure-Resistant Explosion-Proof Types NP-S/D-T, NP-EX/GX-T Series

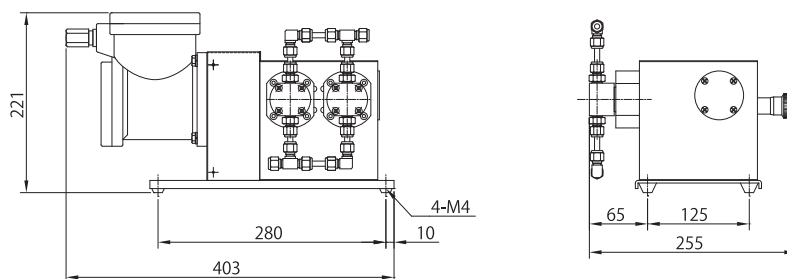
## 外形寸法図

## External dimensions diagrams

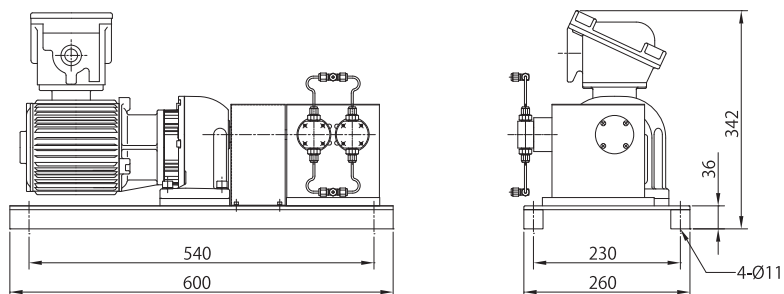
### NP-S-T



### NP-D-T



### NP-GX-T



製品改良の為、予告なく仕様・外観等変更することがあります。

For improvement, the specifications, appearance, etc. of the product is subject to change without prior notice.

本カタログの他、高圧・定量プランジャーポンプを極微量から1000ml/min まで各機種取り揃えております。ご要望の仕様に該当したカタログをご請求願います。

Beside the pumps in this catalog, there are different models of high-pressure fixed-displacement plunger pumps whose delivery ranges from very low rate to 1000ml/min. Please contact us for the appropriate catalog carrying the specifications you desire.

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