

# Expected Pump Performance Curve & Specifications (Reference)

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**Pump model : NH-100PX-Z, NH-100PX-Z-N, NH-100PX-Z-F**

**Pump specifications**

REF : A3400326

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| 1). Specified point                    | : 5.0m at 9.0 L/Min   | Frequency : 50 Hz    |
| 2). Max Head – Discharge flow          | : 8.0m – 14.0 L/Min   | IMPELLER DIA : 75 mm |
| 3). Hose : H , Thread : T              |   |                      |
| 4). Permissible working Temp.          | : PX series 0 ~ 60°C , Glass filled polypropylene<br>PX-N series 0 ~ 80°C , Natural PVDF<br>PX-F series 0 ~ 90°C , Carbon filled ETFE |                      |
| 5). Permissible system pressure        | : 1.65 Bar  |                      |
| 6). Permissible environment conditions | : 0 ~ 40°C , Upto 85%   |                      |
| 7). Nominal speed                      | : 2,500 r.p.m.  |                      |

**Motor specifications**

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|----------------------------------|----------------------------------|--|
| 1). Nominal output * input       | : 45 * 100 Watts                 |  |
| 2). Applicable voltage           | : 100~120V/50Hz    200~240V/50Hz |  |
| 3). Insulation grade             | : E grade                        |  |
| 4). Single phase capacitor motor |                                  |  |

