

# Expected Pump Performance Curve & Specifications (Reference)

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

| Pump specifications                   |                                                                                                                                       | REF : A3400326       |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1). Specified point                   | : 5.0m at 9.0 L/Min                                                                                                                   | Frequency : 50Hz     |
| 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 enviroment conditions | : 0 ~ 40°C , Upto 85%                                                                                                                 |                      |
| 7). Nominal speed                     | : 2,500 r.p.m.                                                                                                                        |                      |

| Motor specifications             |                             |
|----------------------------------|-----------------------------|
| 1). Nominal output * input       | : 45 * 100 Watts            |
| 2). Applicable voltage           | : 100V/50Hz , 220~240V/50Hz |
| 3). Insulation grade             | : E grade                   |
| 4). Single phase capacitor motor |                             |

