

# Expected Pump Performance Curve & Specifications (Reference)

Pump model : NH-40PI-Z-D,NH-40PI-Z-D-F

REF : A3401010

IMPELLER DIA :  $\varnothing$  86 mm

( $\varnothing$ 3 25/64")

Pump specifications

- 1). Specified point : 9.5 m at 18 L/Min (31.2 ft at 4.8 GPM)
- 2). Max Head - Discharge flow : 12.4 m - 31 L/Min (40.7 ft - 8.2 GPM)
- 3). Hose : H , Thread : T  
Suction 20mm , NPT 3/4 inch , G 3/4 inch  
Discharge 20mm , NPT 3/4 inch , G 3/4 inch
- 4). Permissible working Temp. : 0 ~ 60°C (32~140°F) , Glass filled polypropylene  
0 ~ 90°C (32~194°F) , Carbon filled ETFE
- 5). Permissible system pressure : 2.04 Bar
- 6). Permissible environment conditions : 0 ~ 40°C (32~104°F) , Upto 85%
- 7). Rated speed : 3,500 r.p.m.

Motor specifications

- 1). Nominal output \* input : 72 \* 85 Wattes
- 2). Applicable voltage : DC 12V , DC 24V
- 3). Insulation grade : E grade
- 4). DC Brushless motor

