

## Market

Home Appliances

## Application:

Hand Vacu-

## Motor Characteristics:

Diameter	: 35.8 mm
Length	: 50 mm
Shaft Diameter	: 3.175 mm
Weight	: 162 g
Nominal Voltage	: 4.8 V
Torque Constant	: 1.735 m-Nm/A
Dynamic Resistance	: 0.097 Ohms
Motor Regulations	: 354.137 Rpm/m-Nm
Pole Number	: 3

## Standard Data:

Operation Temperature	: -10 — 50°C
Storage Temperature	: -20 — 100°C
Mounting	: Any position
Electrical Connection	: Terminal
Power Output	: 40.08 W
Running Torque	: 18.5 mNm
Direction of Rotation	: CW
Standard	: RoHS

## Electrical Performance:

	No Load	Stall	Max Eff	Max Power
Speed (Rpm)	27200		20700	13600
Current (A)	4.94	49.27	15.61	27.11
Torque (mNm)		76.92	18.5	38.46
Efficiency (%)			53.51	
Output Power (W)			40.08	54.83



This #600 series motor is small, high speed and efficient, and has a long life. It has the leading position for use in portable hand vac. applications