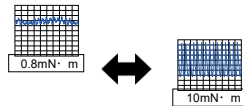


## Characteristic

- Bearing
  - Can be select to Oil retaining bearing or Ball bearing
- Connection
  - It corresponds to request.
- Detent torque
  - It is possible to adjust the detent torque upon request.
    - Interface
    - Coil terminal
  - Input & Output of Hall sensor or Hall IC
- Circuit
  - Can respond to the mounting of the drive IC
- Shaft
  - It is possible to respond to the change of length, the shape of D-cut, the addition of the gear, etc..
  - Shaft output direction can be selected up and down.

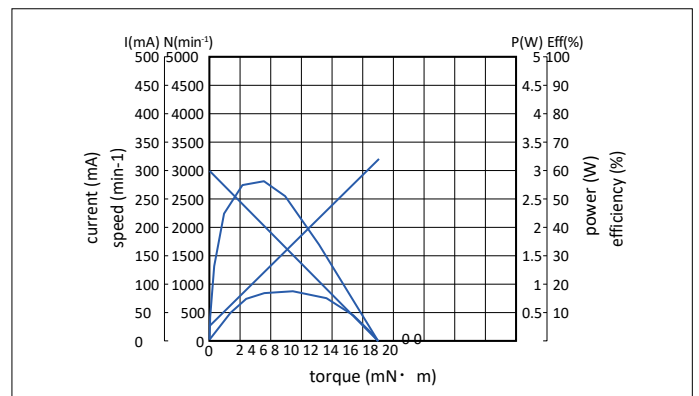


■ 3 Phase outer rotor type DC Brushless Motor

## Major Characteristic Parameters (at 12V)

No load speed	3000 [min <sup>-1</sup> ]
Starting torque	11 [mN · m]
Starting current	320 [mA]
Starting torque	55 [%] (at 2mN · m)
Speed at maximal efficiency	2400 [min <sup>-1</sup> ]
Maximum output power	0.9 [W] (at 5.5mN · m)
Speed at max output power	1500 [min <sup>-1</sup> ]
Life at 20°C	5000 [hour]

※ Adjustable by winding



## Outside Dimension (Reference)

