

### 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.

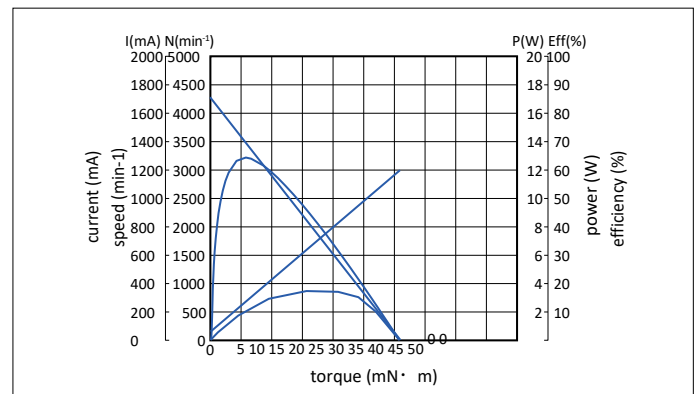


■ 3 Phase outer rotor type DC Brushless Motor

### Major Characteristic Parameters (at 12V)

No load speed	4300 [min <sup>-1</sup> ]
Starting torque	31 [mN · m]
Starting current	1200 [mA]
Starting torquely	65 [%]
Speed at maximal efficiency	3600 [min <sup>-1</sup> ]
Maximum output power	3.5 [W]
Speed at max output power	2200 [min <sup>-1</sup> ]
Life at 20°C	5000 [hour]

※ Adjustable by winding



### Outside Dimension (Reference)

