

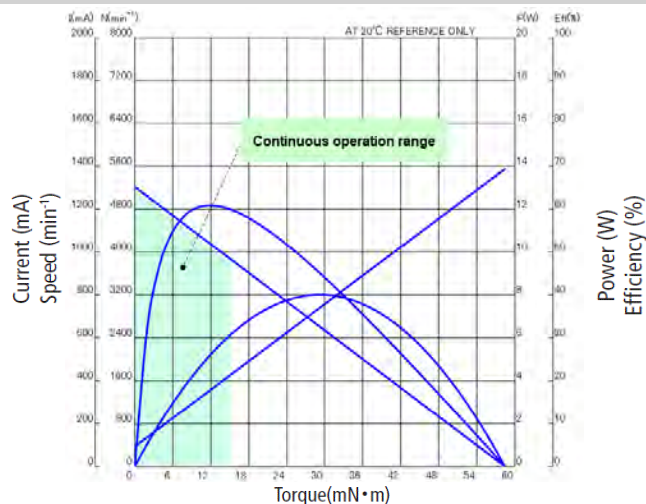
# Compact Outer Rotor BLDC Motor BKL7

**Minebea**

## Features

- 3-phase 12-pole outer rotor DC brushless motor
- Standard outer diameter of shaft is  $\Phi 3$
- Driverless
- Oil-retaining sleeve bearing
- FCC Connection

## ST-Curve



## Specifications (at 24V)

Characteristic	Value
No Load Speed	5400min <sup>-1</sup>
Starting Torque	60mN · m
Starting Current	1400mA
Max. Efficiency	61%
Speed at Max. Efficiency	4100min <sup>-1</sup>
Max. Output Power	6W (at 15mN · m)
Speed at Max. Output Power	3900min <sup>-1</sup>
Life at 20°C	5000 hours

## Connector Type

Pin No.	Signal
1	Hall IC 1
2	Hall IC 2
3	Hall IC 3
4	VCC
5	GND
6	Coil 1
7	Coil 2
8	Coil 3

## Dimensions

