

# Inner Rotor Brushless DC Series

## SDR-3434 SERIES φ 36mm 30W

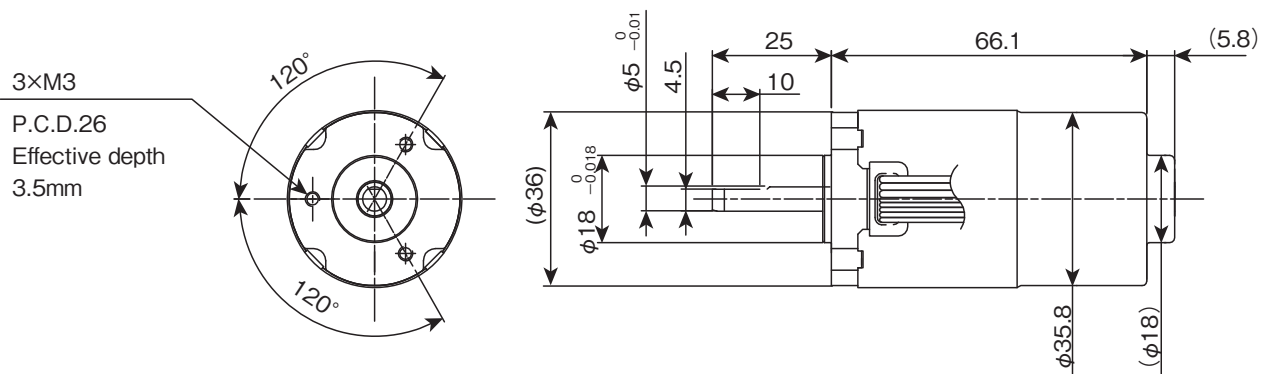


### SPECIFICATIONS

Model	SDR-3434-001	SDR-3434-002	SDR-3434-004
Rated voltage	DC 24 V	DC 48 V	DC 310 V
Rated current	2.0 A	0.95 A	0.17 A
Rated torque	30 mN·m		
Rated speed	10500 r/min		
Rated output	30 W		
Instantaneous peak torque	90 mN·m		
Permissible thrust load	9.8 N		
Permissible radial load	9.8 N		
Rotor inertia	7.0 g·cm <sup>2</sup>		
Hall IC voltage	5 V		
Signal output	OPEN COLLECTOR		
Sink current	10 mA		
Mass	250 g		
Operating ambient temperature	0 °C~50 °C		
Operating ambient humidity	20 %~80 %		

Condition : continuous duty with 150×150×t6 aluminium heat sink.

### DIMENSIONS

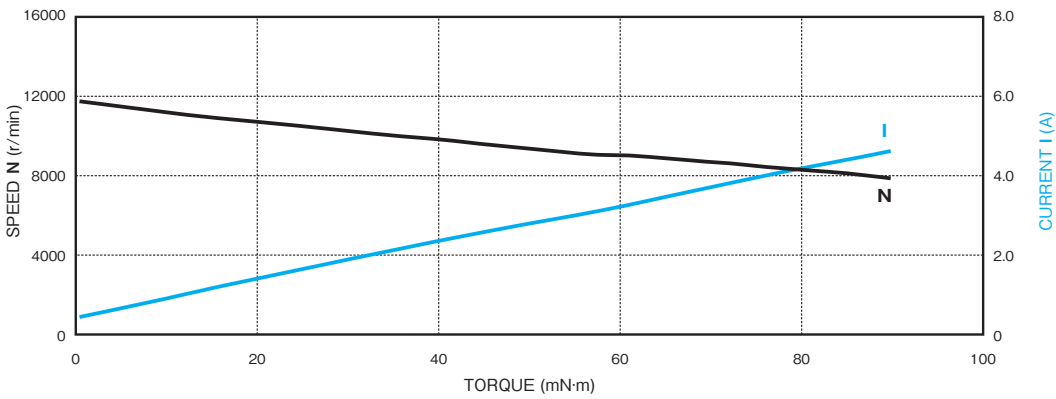


## OUTPUT RANGE

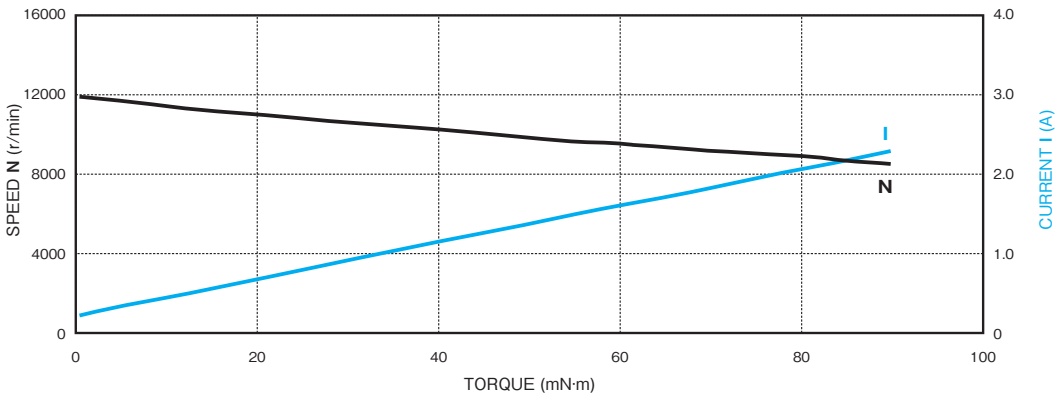
SERIES	MAJOR DIAMETER	MODEL	RATED SPEED	TORQUE (mN·m)															
				0	50	100	200	300	400	600	800								
Inner rotor	φ36mm	SDR-3434-001	10500																
		SDR-3434-002	10500																
		SDR-3434-004	10500																

## Speed and Torque Specifications

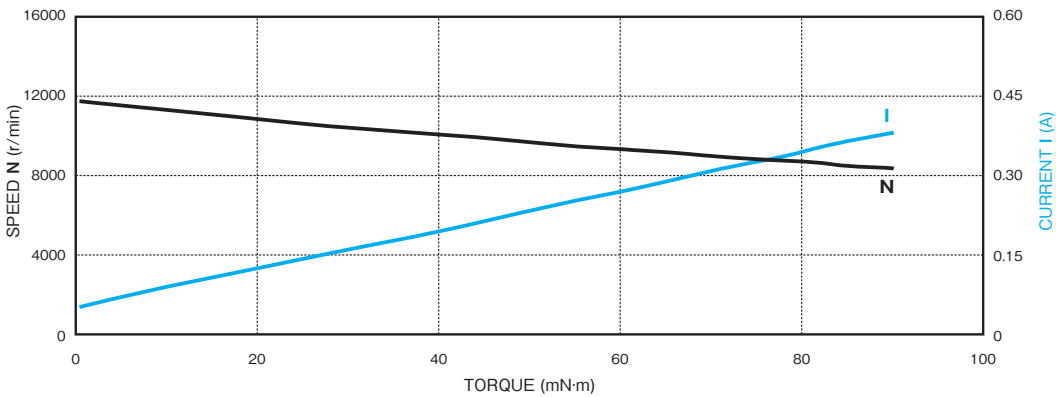
SDR-3434-001 DC24V



SDR-3434-002 DC48V



SDR-3434-004 DC310V



**i** Specifications are reference only. Feel free to contact sales office or sales agent for detailed information.

Stepping Motor  
BLDC Motor  
Motor Driver  
Other Motor