

DC Brushless Motor BMS Series

This is a combination of the planetary gear head SPG04, which has excellent durability under high loads/ capable of transmitting high torque, and brushed motor BMS04-0829.

[illegible]

	Gear Ratio	4.3	18	79	337	
1	Reduction ratio(absolute value)	4.29:1	18.37:1	78.72:1	337.36:1	
2	Number of stage	1	2	3	4	
3	Efficiency	85	72	61	52	%
4	Direction of rotation	=	=	=	=	
5	Length (Motor + Gear = L2)	14.8	16	17.2	18.4	mm
	Length (Motor + Gear + Encoder)	N/A				

	Gear Ratio	4.3	18	79	337	
	Length (Motor+Encoder)	N/A				
6	Max allowable torque (Continuous)	TBD				mNm
7	Max allowable torque (Intermittent)	TBD				mNm

Combination with BMN04-0829

Rated voltage: 3V

	Gear Ratio	4.3	18	79	337	
8	No load speed	7690	1790	420	98	rpm
9	No load current	39	39	39	39	mA
10	Stall torque	0.11	0.41	1.49	5.44	mNm
11	Stall current	98	98	98	98	mA