Geared Motor BMN04-0829 with Planetary gear

DC Brushless Motor BMS Series

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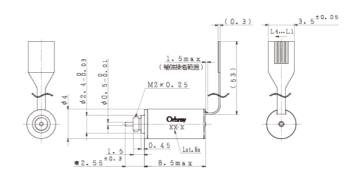
DC Coreless Motors

Brushless Motor

BMN04-0829 with Planetary gear

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.





SPG04 BMN04-0829 with Planetary gear General specifications

	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	14.8	16	17.2	18.4	mm
	(Motor + Gear = L2)	14.0	10	17.2		
	Length	N/A				
	(Motor + Gear + Encoder)	IN/ A				

	Gear Ratio	4.3	18	79	337	
	Length	NI/A				
	(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