

## φ8mm Planetary Gear DC Brush Motor ZWPD008008

OUTPUT : 0.01~0.5W (APPROX)

Standard Gear Material : POM & Hybrid

SHAFT TYPE : 金属シャフト /Metal Shaft

代表的用途 /Typical Application

Beauty & Health Electric Equipment、Robotic hand、Model&Toys、Remoto Control Device



### Motor Parameter

No.	Model No.	Ratio ( : 1 )	Outline Size				Rated Voltage (V)	No Load		at Max Efficiency					Mechanical Performance			
			Motor OD (mm)	GearBox Length (mm)	Total Length (mm)	Shaft OD (mm)		No Load Speed (rpm)	No Load Current (mA)	Rated Torque		Rated Speed (rpm)	Rated Current (mA)	Rated Power (W)	Permission Torque		Moment Permission Torque	
										(mN-m)	(g · cm)				(mN-m)	(g · cm)	(mN-m)	(g · cm)
1	ZWPD008008-4	4	8.0	8.6	23.1	1.5 Metal D-cut	4.2	4233	90	0.4	4.1	3111	155	0.1	4.9	50	19.6	200
2	ZWPD008008-5	5						2857	90	0.6	6.1	2100	155	0.1	4.9	50	19.6	200
3	ZWPD008008-13	13						1122	95	1.1	11.2	864	155	0.1	9.8	100	29.4	300
4	ZWPD008008-19	19						758	95	1.6	16.3	583	155	0.1	9.8	100	29.4	300
5	ZWPD008008-28	28						511	95	2.4	24.5	394	155	0.1	9.8	100	29.4	300
6	ZWPD008008-47	47		306	95			2.9	29.6	240	160	0.1	19.6	200	58.8	600		
7	ZWPD008008-69	69		207	95			4.3	43.8	162	160	0.1	19.6	200	58.8	600		
8	ZWPD008008-102	102		140	95			6.4	65.3	109	160	0.1	19.6	200	58.8	600		
9	ZWPD008008-152	151		94	95			9.4	95.9	74	160	0.1	19.6	200	58.8	600		
10	ZWPD008008-168	168		84	100			7.8	79.5	67	160	0.1	29.4	300	88.2	900		
11	ZWPD008008-249	249	56	100	11.6	118.3	45	160	0.1	29.4	300	88.2	900					
12	ZWPD008008-369	369	38	100	17.2	175.4	30	160	0.1	29.4	300	88.2	900					
13	ZWPD008008-546	546	26	100	25.4	259.0	21	160	0.1	29.4	300	88.2	900					
14	ZWPD008008-809	809	17	100	37.7	384.4	14	160	0.1	29.4	300	88.2	900					

### Module & GearBox Parameter

Model No. & Gear Box OD	Transmission Reduction		Efficiency per Stage (APPROX)	Module & Gear Box Specification				
	Ratio ( : 1 )	Stage		Material	Module Size	JGMA-116-02	Permission overhung load (kgf)	Permission thrust load (kgf)
φ8 ZWPD008008	4 / 5	1	80%	POM & Hybrid	0.15	3	0.2	0.8
	13 / 19 / 28	2						
	47 / 69 / 102 / 151	3						
	168 / 249 / 369 / 546 / 809	4						

