

## φ8mm Planetary Gear DC Brush Motor ZWMD008008

OUTPUT : 0.01~0.5W (APPROX)

Standard Gear Material : Metal & 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	ZWMD008008-4	4	8.0	11.6	26.1	1.5 Metal D-cut	4.2	4630	90	0.4	4	3361	155	0.1	24.5	250	49.0	500		
2	ZWMD008008-5	5						3125	90	0.6	6	2269	155	0.1	24.5	250	49.0	500		
3	ZWMD008008-13	13						14.3	28.8	1228	95	1.2	12	934	155	0.1	39.2	400	78.4	800
4	ZWMD008008-19	19								829	95	1.8	18	630	155	0.1	39.2	400	78.4	800
5	ZWMD008008-28	28								559	95	2.7	28	425	155	0.1	39.2	400	78.4	800
6	ZWMD008008-44	47						17.0	31.5	1.5 Metal D-cut	4.2	335	95	3.9	40	259	160	0.1	58.8	600
7	ZWMD008008-69	69	226	95	5.5	56	175					160	0.1	58.8	600	117.6	1200			
8	ZWMD008008-102	102	153	95	8.6	88	118					160	0.1	58.8	600	117.6	1200			
9	ZWMD008008-151	151	103	95	12.1	123	80					160	0.1	58.8	600	117.6	1200			
10	ZWMD008008-168	168	91	100	12.2	124	72					160	0.1	73.5	750	147.0	1500			
11	ZWMD008008-249	249	62	100	17.3	176	49					160	0.1	73.5	750	147.0	1500			
12	ZWMD008008-369	369	42	100	26.8	273	33					160	0.1	73.5	750	147.0	1500			
13	ZWMD008008-546	546	28	100	39.7	405	22					160	0.1	73.5	750	147.0	1500			
14	ZWMD008008-809	809	19	100	58.8	600	15	160	0.1	73.5	750	147.0	1500							

### 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 ZWMD008008	4 / 5 13 / 19 / 28 47 / 69 / 102 / 151 168 / 249 / 369 / 546 / 809	1 2 3 4	85%	Metal & Hybrid	0.15	3	0.6	1.5

