

φ24mm Planetary Gear DC Brush Motor ZWPD024024

OUTPUT : 0.1~3.5W (APPROX)

Standard Gear Material : POM

SHAFT TYPE : 金属シャフト /Metal Shaft

代表的用途 /Typical Application

Beauty & Health Electric Equipment、 Robotic hand、 Automatic door & Window

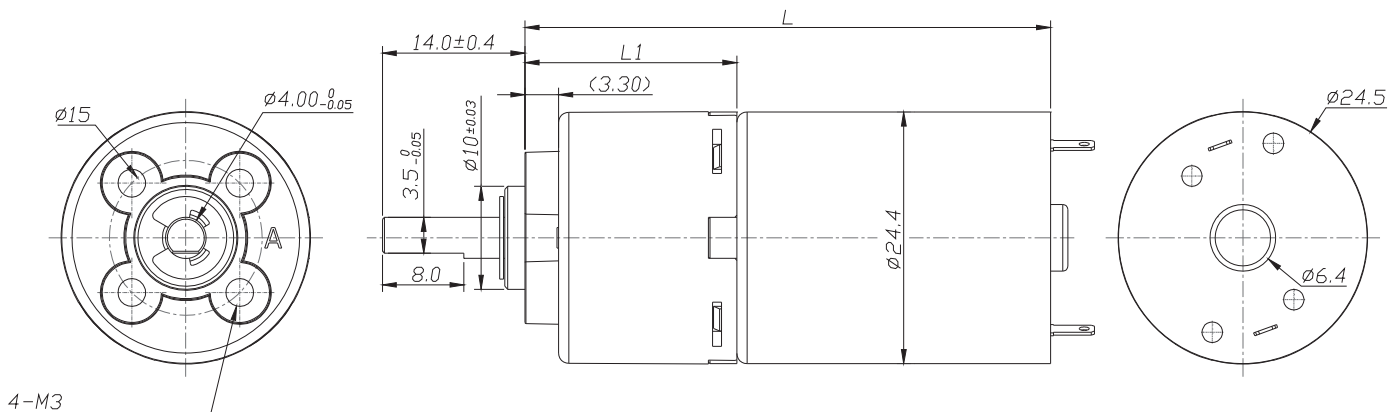


Motor Parameter

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	ZWPD024024-4	4	24.0	14.7	45.5	4.0 Metal D-cut	12.0	1460	39	7.2	73.4	1259	146	1.0	78.4	800	235.2	2400			
2	ZWPD024024-6	6						973	39	11.0	112.2	839	146	1.0	78.4	800	235.2	2400			
3	ZWPD024024-16	16						365	39	24.0	244.7	315	151	0.8	147.0	1500	441.0	4500			
4	ZWPD024024-24	24						243	39	37.0	377.3	210	151	0.8	147.0	1500	441.0	4500			
5	ZWPD024024-36	36						162	39	55.0	560.8	140	151	0.8	147.0	1500	441.0	4500			
6	ZWPD024024-64	64						91	44	82.0	836.2	79	151	0.7	294.0	3000	882.0	9000			
7	ZWPD024024-96	96	26.9	57.7	4.0 Metal D-cut	12.0	61	44	123.0	1254.2	52	151	0.7	294.0	3000	882.0	9000				
8	ZWPD024024-144	144					41	44	184.0	1876.2	35	151	0.7	294.0	3000	882.0	9000				
9	ZWPD024024-216	216					27	44	276.0	2814.4	23	151	0.7	294.0	3000	882.0	9000				
10	ZWPD024024-256	256					23	44	275.0	2804.2	20	156	0.6	441.0	4500	882.0	9000				
11	ZWPD024024-384	384					33	63.8	4.0 Metal D-cut	12.0	15	44	412.0	4201.2	13	156	0.6	441.0	4500	882.0	9000
12	ZWPD024024-576	576									10	44	422.0	4303.1	9	130	0.4	441.0	4500	882.0	9000
13	ZWPD024024-864	864									7	44	422.0	4303.1	6	120	0.3	441.0	4500	882.0	9000
14	ZWPD024024-1296	1296									5	44	430.0	4384.7	4.3	110	0.2	441.0	4500	882.0	9000

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)
φ24 ZWPD024024	4 / 6	1	85%	POM & Hybrid	0.45	3	4.0	12.0
	16 / 24 / 36	2						
	64 / 96 / 144 / 216	3						
	256 / 384 / 576 / 864 / 1296	4						



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