

φ28mm Planetary Gear DC Brush Motor ZWPD028028

OUTPUT : 0.1~6.0W (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 (mN-m) (g · cm)		Rated Speed (rpm)	Rated Current (mA)	Rated Power (W)	Permission Torque (mN-m) (g · cm)		Moment Permission Torque (mN-m) (g · cm)	
1	ZWPD028028-16	16	28.0	29.9	67.5	6.0 Metal D-cut	24.0	462	90	99.0	1009.5	396	365	4.1	196.0	2000	588.0	6000
2	ZWPD028028-24	24						308	90	148.0	1509.2	264	365	4.1	196.0	2000	588.0	6000
3	ZWPD028028-36	36						201	90	144.0	1468.4	178	345	2.7	196.0	2000	588.0	6000
4	ZWPD028028-64	64		39	76.6			116	90	339.0	3456.8	99	365	3.5	343.0	3500	1029.0	10500
5	ZWPD028028-96	96						77	90	341.0	3477.2	70	325	2.5	343.0	3500	1029.0	10500
6	ZWPD028028-144	144						51	90	341.0	3477.2	49	315	1.7	343.0	3500	1029.0	10500
7	ZWPD028028-216	216						34	90	337.0	3436.4	33	305	1.2	343.0	3500	1029.0	10500

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)
φ28	ZWPD028028	16 / 24 / 36	2	60~75%	POM & PA66	0.53	3~5	5.0	15.0
		64 / 96 / 144 / 216	3						

