

φ16mm Planetary Gear DC Brush Motor ZWPD016016

OUTPUT : 0.01~0.8W (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、 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	ZWPD016016-4	4	16.0	10.8	29.3	3.0 Metal D-cut	6.0	2583	49	1.2	12.2	2106	131	0.3	49.0	500	147.0	1500		
2	ZWPD016016-6	6						1722	49	1.8	18.4	1404	131	0.3	49.0	500	147.0	1500		
3	ZWPD016016-16	16						640	49	3.5	35.7	527	131	0.2	98.0	1000	294.0	3000		
4	ZWPD016016-24	24		15.1	33.6			426	49	5.3	54.0	351	131	0.2	98.0	1000	294.0	3000		
5	ZWPD016016-36	36						284	49	7.9	80.6	234	131	0.2	98.0	1000	294.0	3000		
6	ZWPD016016-64	64						157	49	11.0	112.2	132	131	0.1	196.0	2000	588.0	6000		
7	ZWPD016016-96	96	19.4	37.9	6.0		105	49	16.0	163.2	88	131	0.1	196.0	2000	588.0	6000			
8	ZWPD016016-144	144					70	49	24.0	244.7	59	131	0.1	196.0	2000	588.0	6000			
9	ZWPD016016-216	216					47	49	36.0	367.1	39	131	0.1	196.0	2000	588.0	6000			
10	ZWPD016016-256	256					23.7	42.2	6.0	39	49	32.0	326.3	33	131	0.1	343.0	3500	588.0	6000
11	ZWPD016016-384	384								26	49	48.0	489.5	22	131	0.1	343.0	3500	588.0	6000
12	ZWPD016016-576	576								17	49	71.0	724.0	15	131	0.1	343.0	3500	588.0	6000
13	ZWPD016016-864	864	12	49	107.0					1091.1	10	131	0.1	343.0	3500	588.0	6000			
14	ZWPD016016-1296	1296	8	49	161.0		1641.7	7	131	0.1	343.0	3500	588.0	6000						

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)
φ16 ZWPD016016	4 / 6	1	80%	POM & Hybrid	0.30	4	2.5	5.0
	16 / 24 / 36	2						
	64 / 96 / 144 / 216	3						
	256 / 384 / 576 / 864 / 1296	4						

