

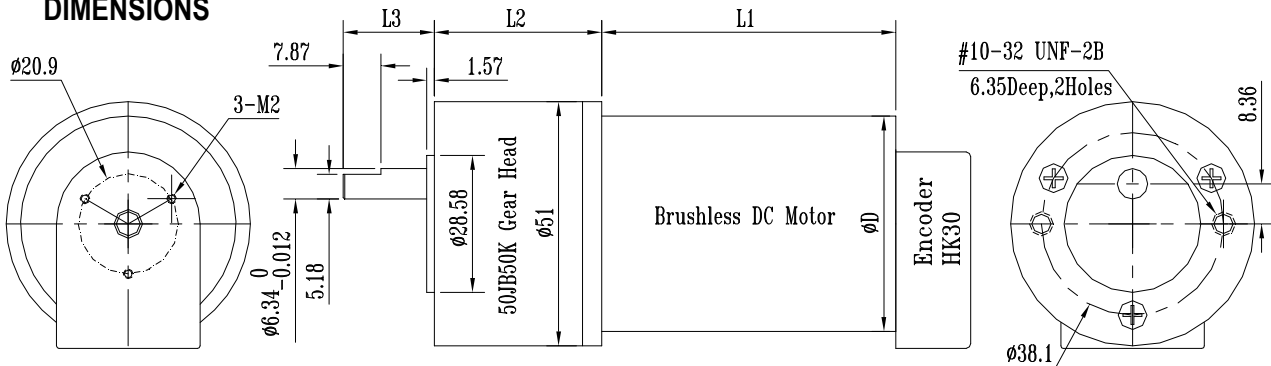
**φ50mm** SPUR GEARHEAD (正齿轮箱) w/  
45ZWN BLDC Motor (无刷直流马达)



● GEARHEAD SPECIFICATIONS

Gear Ratio		Stage	Eff.	Rated Load	Max. Load	Length
减速比		级数	效率	额定负载	最大负载	长度
1:X		#	%	Kg.cm	Kg.cm	mm
8	14	2	81	10	20	26
33	55	3	73	20	40	26
130	220	4	66	30	60	33.5
520	883	5	59	30	60	33.5

● DIMENSIONS



● MOTOR SPECIFICATIONS

Model	Number of Poles	Number of Phase	Rated								Motor Length mm
			Voltage	Current	Speed	Torque		Power	Efficiency		
			Vdc	Amp	RPM	oz-in	mN.m	W	%		
45ZWN49-12-20	4	3	12	1.22	2000	5.00	35.30	7.4	51%	49	
45ZWN49-12-30	4	3	12	1.48	3000	4.50	31.77	10.0	56%	49	
45ZWN49-12-40	4	3	12	1.66	4000	4.00	28.24	11.8	59%	49	
45ZWN49-24-20	4	3	24	0.61	2000	5.00	35.30	7.4	51%	49	
45ZWN49-24-30	4	3	24	0.72	3000	4.50	31.77	10.0	58%	49	
45ZWN49-24-40	4	3	24	0.81	4000	4.00	28.24	11.8	61%	49	

● GEARMOTOR SPECIFICATIONS 50JB30KxxxG-Motor Model (IN-LB) = 0.867313\*X(Kg.cm)

Volt.	Speed	Gear Ratio									
		8	14	32.5	55	130	220	520	883		
12Vdc	2000	Rated speed (RPM)	250	143	62	36	15.4	9.1	3.8	2.3	
		Rated load (Kg.cm)	2.33	4.08	8.54	14.45	30	30	30	30	
	3000	Rated speed (RPM)	375	214	92	55	23.1	13.6	5.8	3.4	
		Rated load (Kg.cm)	2.10	3.67	7.69	13.01	27.8	30	30	30	
	4000	Rated speed (RPM)	500	286	123	73	30.8	18.2	7.7	4.5	
		Rated load (Kg.cm)	1.87	3.27	6.83	11.56	24.7	30	30	30	
	24Vdc	2000	Rated speed (RPM)	250	143	62	36	15.4	9.1	3.8	2.3
			Rated load (Kg.cm)	2.33	4.08	8.54	14.45	30	30	30	30
		3000	Rated speed (RPM)	375	214	92	55	23.1	13.6	5.8	3.4
			Rated load (Kg.cm)	2.10	3.67	7.69	13.01	27.8	30	30	30
		4000	Rated speed (RPM)	500	286	123	73	30.8	18.2	7.7	4.5
			Rated load (Kg.cm)	1.87	3.27	6.83	11.56	24.7	30	30	30