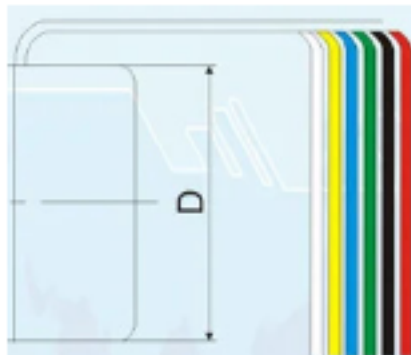
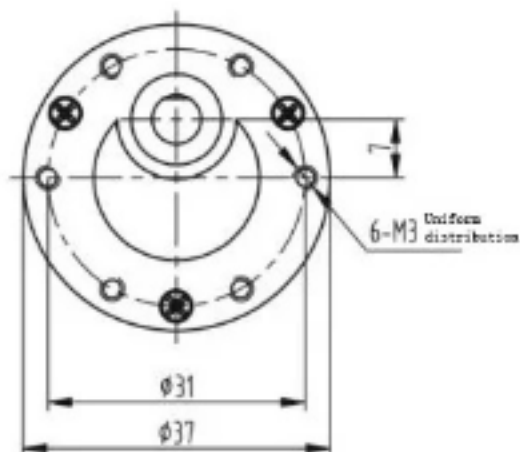




Encoder wiring diagram:

- ① Red Wire - positive power supply of motor(+) (change positive and negative of motor the rotation will change)
- ② White Wire - negative power supply of motor(-) (change positive and negative of motor the rotation will change))
- ③ Yellow Wire - signal feedback (motor one turn has 11 signals)
- ④ Green Wire - signal feedback (motor one turn has 11 signals)
- ⑤ Blue Wire - positive of encoder power supply(+)(3.3-5V),cannot be wrong
- ⑥ Black Wire - negative of encoder power supply(-)(3.3-5V),cannot be wrong



Reduction ratio	Rated Volt	No Load		AT Load			STALL		Gearbox Length
		SPEED	CURRENT	Torque	SPEED	Current	TOGQCE	CURRENT	
	V	RPM	mA	KG.cm	RPM	A	KG.CM	A	mm
6.3	6	1000	70	0.4	800	0.45	0.5	1.2	19
10	6	600	70	0.5	500	0.45	0.8	1.2	19
19	6	300	70	1.1	265	0.45	1.6	1.2	22
30	6	200	70	1.7	166	0.45	2.5	1.2	22
56	6	100	70	3.2	90	0.45	4.5	1.2	24
90	6	70	70	5	55	0.45	7.5	1.2	24
131	6	45	70	7.5	38	0.45	12	1.2	26.5
168	6	35	70	9.5	30	0.45	15	1.2	26.5
270	6	20	70	15	18	0.45	24	1.2	26.5
506	6	12	70	28	10	0.45	35	1.2	29
810	6	7	70	35	6	0.45	35	1.2	29
6.3	12	1590	120	0.7	1200	1	1	2.3	19
10	12	1000	120	1	770	1	1.6	2.3	19
19	12	530	120	2.2	407	1	3.1	2.3	22
30	12	333	120	3.5	250	1	5	2.3	22
56	12	178	120	6.5	140	1	9	2.3	24
90	12	110	120	10	85	1	15	2.3	24
131	12	76	120	15	58	1	24	2.3	26.5
168	12	60	120	19	46	1	31	2.3	26.5
270	12	37	120	30	28	1	35	2.3	26.5
506	12	20	120	35	15	1	35	2.3	29
810	12	12	120	35	9	1	35	2.3	29