37JB6K/EG530-0645 PM DC gear motors

Motor Technical Data

TYPE	Rated voltage VDC	No-load speed r/min	Rated speed r/min	Rated torque g.cm	Output power W	Rated current mA	Stem current A
EG530-0645	6	4500	4000	11	0.45	≤160	1.3

Gear Motor Technical Data

Reduction ratio	100	150	200	250	300	400	500	750	1000	1500	3000
Number of gear trains	4	5	5	5	5	6	6	6	6	7	7
Efficiency %	66	59	59	59	59	48	48	48	48	43	43
No-load speed r/min	45	30	22.5	18	15	11	9	6	4.5	3	1.5
Rated speed r/min	40	27	20	16	13	10	8	5	4	2.7	1.4
Rated torque kg.cm	0.7	1.0	1.3	1.6	1.9	2.1	2.6	4.0	5.3	6	6
kg.cm Max permissible load in a short time	12	18	18	18	18	18	18	18	18	18	18
Direction of Rotation	CCW	CW	CW	CW	CW	CCW	CCW	CCW	CCW	CW	CW

Use condition

Temperature of condition : -10~+50℃

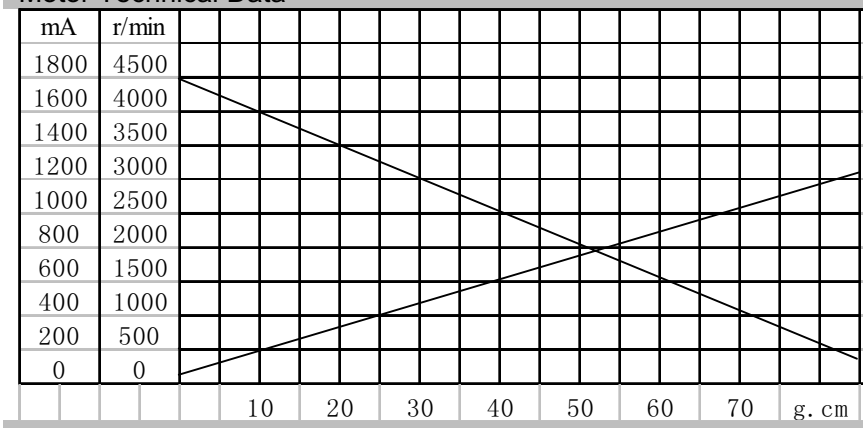
Comparatively humidity: <85%(25℃)

Figure

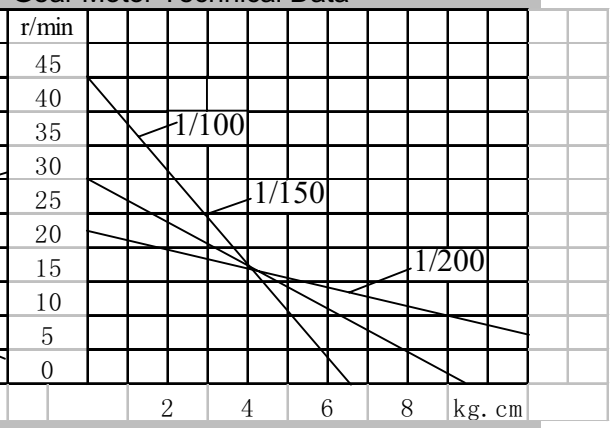
(1) Index of speed allow error ±10%

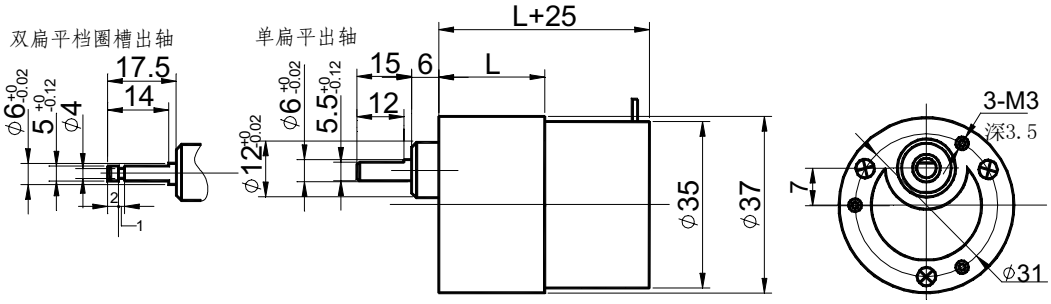
(2) Can making other characteristics motor

Motor Technical Data



Gear Motor Technical Data



Dimensions

Reduction ratio	L
50 ~ 100	24
120 ~ 300	26.5
350 ~ 1000	29
1500 ~ 3000	31.5