

ZJTEX ELECTRIC MOTOR BUSINESS GROUP

37JB6K/3530-1230 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	Stall current A
3533-1230	12	3000	2400	50	1.2	≤280	1

Gear Motor Technical Data

Reduction ratio	10	18	30	50	75	100	150	200	250	300	400	500	750	1000	1500	3000
Number of gear trains	2	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7
Efficiency %	81	72	72	66	66	66	59	59	59	59	48	48	48	48	43	43
No-load speed r/min	300	167	100	60	40	30	20	15	12	10	7.5	6	4	3	2	1
Rated speed r/min	240	133	80	48	32	24	16	12	10	8.6	6.6	5.4	3.9	2.9	2	1
Rated torque kg.cm	0.4	0.7	1.1	1.7	2.5	3.3	4.4	5.9	6	6	6	6	6	6	6	6
kg.cm																
Max permissible load in a short time	3	6	6	12	12	12	18	18	18	18	18	18	18	18	18	18
Direction of Rotation	CCW	CW	CW	CCW	CCW	CCW	CW	CW	CW	CW	CCW	CCW	CCW	CCW	CW	CW

Use condition

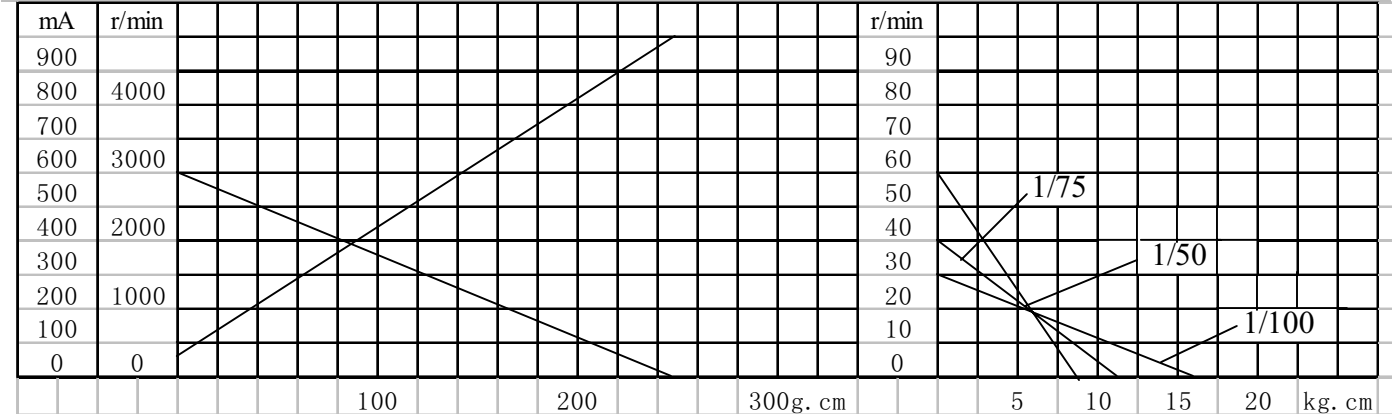
Temperature of condition : -10~+50℃

Comparatively humidity: <85%(25℃)

Figure

- (1) Index of speed allow error ± 10%
- (2) Can making other characteristics motor

Motor Technical Data



Dimensions

Reduction ratio	L
6 ~ 10	19
18 ~ 30	21.5
50 ~ 100	24
120 ~ 300	26.5
350 ~ 1000	29
1500 ~ 3000	31.5

