

37JB6K/3540-1230 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
3540-1230	12	3000	2300	90	2.1	≤400	1.1

Gear Motor Technical Data

Reduction ratio	6	10	18	30	50	75	100	150	200	250	300
Number of gear trains	2	2	3	3	4	4	4	5	5	5	5
Efficiency %	81	81	72	72	66	66	66	59	59	59	59
No-load speed r/min	500	300	167	100	60	40	30	20	15	12	10
Rated speed r/min	383	230	128	77	46	31	23	16.5	13	10.7	9
Rated torque kg.cm	0.4	0.7	1.2	1.9	3	4.4	5.9	6	6	6	6
kg.cm											
Max permissible load in a short time	3	3	6	6	12	12	12	18	18	18	18
Direction of Rotation	CCW	CCW	CW	CW	CCW	CCW	CCW	CW	CW	CW	CW

Use condition

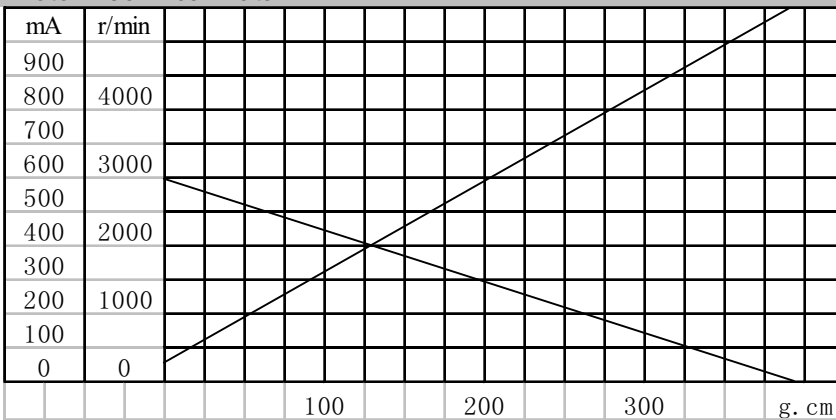
Temperature of condition : -10~+50℃

Comparatively humidity: <85%(25℃)

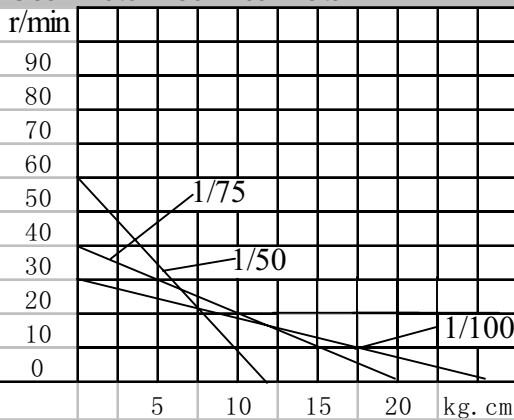
Figure

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

Motor Technical Data



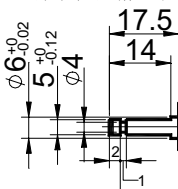
Gear Motor Technical Data



Dimensions

Reduction ratio	L
6 ~ 10	19
18 ~ 30	21.5
50 ~ 100	24
120 ~ 300	26.5

双扁平档圈槽出轴



单扁平出轴

