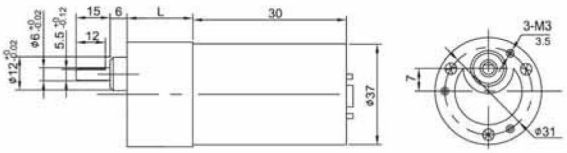
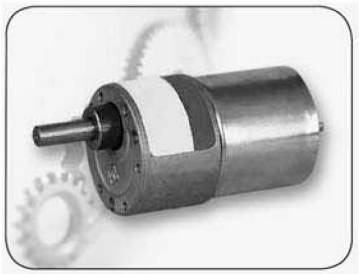
PM DC SPUR GEARMOTOR

37JB6K/3530

◆ Dimensions





◆ Motor Technical Data

TYPE	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque g.cm	Output power W	Rated current mA	Stall torque g.cm	Stall current A
3530-1230	12	3000	80	2400	50	1.2	280	250	1.4
3530-1250	12	5000	100	4300	40	1.8	330	285	1.5
3530-2450	24	5000	80	4100	50	2.1	210	277	0.8

◆ Gearmotor Technical Data

37JB6K/3530-1230

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
Length(L) mm	19	21.5	21.5	24	24	24	26.5	26.5	26.5	26.5	29	29	29	29	31.5	31.5
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	3.7	2.9	1.9	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
Max.permissible load in a short time kg.cm	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

37JB6K/3530-1250

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
Length(L) mm	19	21.5	21.5	24	24	24	26.5	26.5	26.5	26.5	29	29	29	29	31.5	31.5
No-load speed r/min	500	270	160	100	65	50	33	25	20	16	12	10	6.6	5.0	3.3	1.6
Rated speed r/min	430	230	140	86	57	43	28	21	17	14	11.3	9.2	6.3	4.8	3.3	1.6
Rated torque kg.cm	0.4	0.5	0.9	1.3	2.0	2.6	3.5	4.7	5.9	6	6	6	6	6	6	6
Max.permissible load in a short time kg.cm	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

37JB6K/3530-2450

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
Length(L) mm	19	21.5	21.5	24	24	24	26.5	26.5	26.5	26.5	29	29	29	29	31.5	31.5
No-load speed r/min	500	270	160	100	65	50	33	25	20	16	12	10	6.6	5.0	3.3	1.6
Rated speed r/min	410	220	130	80	50	41	27	20	16	13	11	9.2	6.3	4.8	3.2	1.6
Rated torque kg.cm	0.4	0.6	1.0	1.6	2.4	3.3	4.4	5.9	6	6	6	6	6	6	6	6
Max.permissible load in a short time kg.cm	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