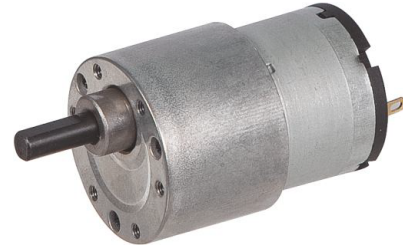
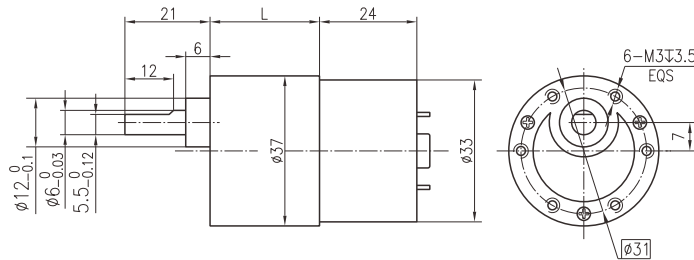


37JB6K/33ZY24

37mm OD Standard Gearbox,
Permissible Load Range: 0.6N.m

● Dimensions



● Motor Technical Data

Type	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque mN.m	Output power W	Rated current A	Stall torque mN.m	Stall current A
33ZY24-1230	12	3000	40	2300	2.5	0.59	100	10	0.26
33ZY24-2430	24	3000	20	2300	2.5	0.59	80	10	0.14

● Gear Motor Technical Data

33ZY24-1230 DC Motor

Reduction ratio	18	30	50	75	100	150	200	250	300	400	500	750	1000	1500	3000
Number of gear trains	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7
Length(L) mm	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	161	97	58	39	29	19	15	12	10	7.3	5.8	3.9	2.9	1.9	1.0
Rated speed r/min	122	73	44	29	22	15	11	8.8	7	5.5	4.5	3.1	2.4	1.7	0.8
Rated torque N.m	0.03	0.05	0.08	0.12	0.16	0.22	0.30	0.37	0.44	0.53	0.6	0.6	0.6	0.6	0.6
Max. permissible load in a short time N.m	0.6	0.6	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Direction of rotation	CW	CW	CCW	CCW	CCW	CW	CW	CW	CW	CCW	CCW	CCW	CCW	CW	CW

33ZY24-2430 DC Motor

Reduction ratio	18	30	50	75	100	150	200	250	300	400	500	750	1000	1500	3000
Number of gear trains	3	3	4	4	4	5	5	5	5	6	6	6	6	7	7
Length(L) mm	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	167	100	60	40	30	20	15	12	10	7.5	6	4	3	2	1
Rated speed r/min	128	77	46	31	23	15	12	9.2	7.7	5.9	4.8	3.3	2.5	1.7	0.9
Rated torque N.m	0.04	0.06	0.10	0.14	0.18	0.27	0.37	0.41	0.49	0.6	0.6	0.6	0.6	0.6	0.6
Max. permissible load in a short time N.m	0.6	0.6	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Direction of rotation	CW	CW	CCW	CCW	CCW	CW	CW	CW	CW	CCW	CCW	CCW	CCW	CW	CW

● Motor Characteristic Figure

