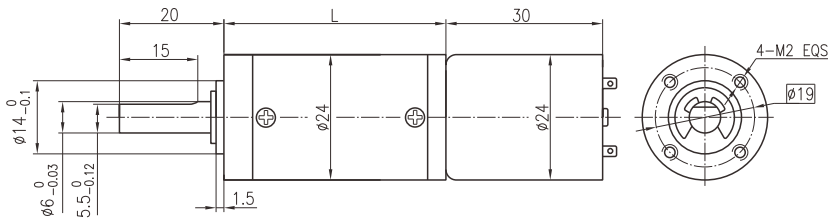


24JN10K/24ZY30(2)

24mm OD Planetary Gearbox,
Permissible Load Range: 0.1N.m~1.0N.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 mA	Stall torque mN.m	Stall current A
24ZY30-1280	12	8000	80	6500	3	2.0	300	16	1.2
24ZY30-12100	12	10000	100	7700	4	3.1	420	16	1.6
24ZY30-24120	24	12000	140	9000	3.5	3.2	300	19	1.2

● Gear Motor Technical Data

24ZY30-1280 DC Motor

Reduction ratio	14	19	27	51	71	100	139	189	264	369	516
Number of gear trains	2	2	2	3	3	3	3	4	4	4	4
Length(L) mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4	44.4
No-load speed r/min	571	421	296	157	113	80	58	42	30	22	16
Rated speed r/min	464	342	241	127	92	65	47	34	25	18	13
Rated torque N.m	0.034	0.046	0.066	0.11	0.16	0.22	0.30	0.37	0.51	0.72	1.0
Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0

24ZY30-12100 DC Motor

Reduction ratio	14	19	27	51	71	100	139	189	264	369
Number of gear trains	2	2	2	3	3	3	3	4	4	4
Length(L) mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4
No-load speed r/min	714	526	370	196	141	100	72	53	38	27
Rated speed r/min	550	405	285	151	108	77	55	41	29	21
Rated torque N.m	0.045	0.062	0.087	0.15	0.21	0.29	0.41	0.49	0.69	0.96
Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0

24ZY30-24120 DC Motor

Reduction ratio	14	19	27	51	71	100	139	189	264	369
Number of gear trains	2	2	2	3	3	3	3	4	4	4
Length(L) mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4
No-load speed r/min	857	632	444	235	169	120	86	63	45	33
Rated speed r/min	643	474	333	176	127	90	65	48	34	24
Rated torque N.m	0.040	0.054	0.077	0.13	0.18	0.26	0.36	0.43	0.60	0.84
Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0