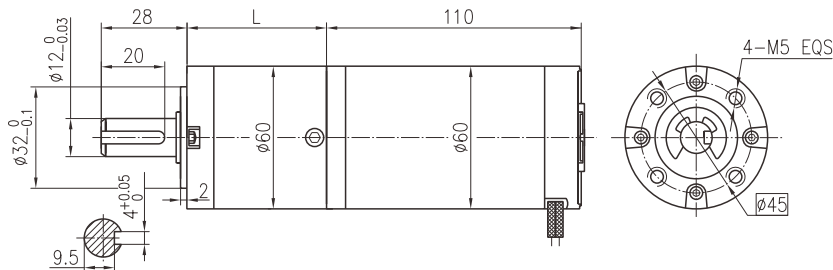


60JX300K/60ZY105

60mm OD Planetary Gearbox,
Permissible Load Range: 2N.m~30N.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
60ZY105-2420	24	2000	0.32	1600	165	30	1.8	0.76	7.3
60ZY105-2430	24	3000	0.40	2400	180	45	2.2	0.79	11.2
60ZY105-2450	24	5000	0.55	4000	230	90	6.0	0.92	15.5

● Gear Motor Technical Data

60ZY105-2420 DC Motor

Reduction ratio	3.6	4.25	13	15	18	28	47	55	65	77	96	121	154	187	220	260	307
Number of gear trains	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
Length(L) mm	34.5	34.5	45.8	45.8	45.8	45.8	57.1	57.1	57.1	57.1	57.1	57.1	68.4	68.4	68.4	68.4	68.4
No-load speed r/min	556	471	154	133	111	71	43	36	31	26	21	17	13	11	9.1	7.7	6.5
Rated speed r/min	444	376	123	107	89	57	34	29	25	21	17	13	11	8.6	7.3	6.2	5.2
Rated torque N.m	0.53	0.63	1.7	2.0	2.4	3.7	5.7	6.6	7.8	9.2	12	15	16	20	24	28	30
Max. permissible load in a short time N.m	6	6	36	36	36	36	72	72	72	72	72	72	90	90	90	90	90

60ZY105-2430 DC Motor

Reduction ratio	3.6	4.25	13	15	18	28	47	55	65	77	96	121	154	187	220	260	307
Number of gear trains	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
Length(L) mm	34.5	34.5	45.8	45.8	45.8	45.8	57.1	57.1	57.1	57.1	57.1	57.1	68.4	68.4	68.4	68.4	68.4
No-load speed r/min	833	706	231	200	167	107	64	55	46	39	31	25	20	16	14	12	9.8
Rated speed r/min	667	565	185	160	133	86	51	44	37	32	25	20	16	13	11	9.2	7.8
Rated torque N.m	0.58	0.69	1.9	2.2	2.6	4.1	6.2	7.2	8.5	10	13	16	18	22	26	30	30
Max. permissible load in a short time N.m	6	6	36	36	36	36	72	72	72	72	72	72	90	90	90	90	90

60ZY105-2450 DC Motor

Reduction ratio	3.6	4.25	13	15	18	28	47	55	65	77	96	121	154	187	220	260
Number of gear trains	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4
Length(L) mm	34.5	34.5	45.8	45.8	45.8	45.8	57.1	57.1	57.1	57.1	57.1	57.1	68.4	68.4	68.4	68.4
No-load speed r/min	1389	1176	385	333	278	179	106	91	77	66	52	41	33	27	23	19
Rated speed r/min	1111	941	308	267	222	143	85	73	62	53	42	33	26	21	18	15
Rated torque N.m	0.75	0.88	2.4	2.8	3.4	5.2	7.9	9.2	11	13	16	20	23	28	30	30
Max. permissible load in a short time N.m	6	6	36	36	36	36	72	72	72	72	72	72	90	90	90	90