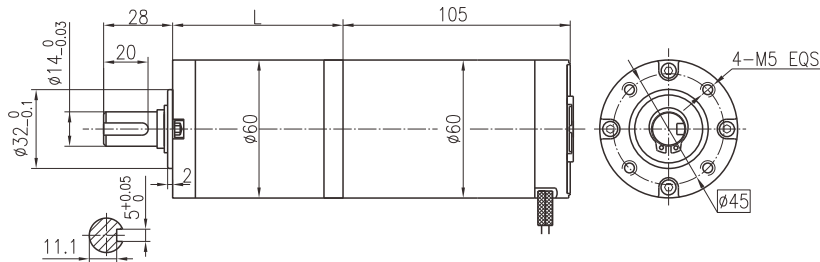


60JXE450K/60ZY105

60mm OD Planetary Gearbox,
Permissible Load Range: 4N.m~45N.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
60ZY105-2430	24	3000	0.40	2400	180	45	2.2	0.79	11.2
60ZY105-2440	24	4000	0.45	3200	210	70	4.0	0.85	13.2
60ZY105-2450	24	5000	0.55	4000	230	90	6.0	0.92	15.5

● Gear Motor Technical Data

60ZY105-2430 DC Motor

Reduction ratio	3.6	4.25	13	15	18	23	28	43	52	61	72	96	121	154	187	220	260	307
Number of gear trains	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
Length(L) mm	40.3	40.3	53.8	53.8	53.8	53.8	53.8	67.2	67.2	67.2	67.2	67.2	67.2	80.6	80.6	80.6	80.6	80.6
No-load speed r/min	833	706	231	200	167	130	107	70	58	49	42	31	25	19	16	14	12	9.8
Rated speed r/min	667	585	185	160	133	104	86	56	46	39	33	25	20	16	13	11	9.2	7.8
Rated torque N.m	0.58	0.69	1.9	2.2	2.6	3.4	4.1	5.7	6.8	8.0	9.5	13	16	18	22	26	30	36
Max. permissible load in a short time N.m	12	12	50	50	50	50	50	100	100	100	100	100	100	110	110	110	110	110

60ZY105-2440 DC Motor

Reduction ratio	3.6	4.25	13	15	18	23	28	43	52	61	72	96	121	154	187	220	260	307
Number of gear trains	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
Length(L) mm	40.3	40.3	53.8	53.8	53.8	53.8	53.8	67.2	67.2	67.2	67.2	67.2	67.2	80.6	80.6	80.6	80.6	80.6
No-load speed r/min	1111	941	308	267	222	174	143	93	77	66	56	42	33	26	21	18	15	13
Rated speed r/min	889	753	246	213	178	139	114	74	62	52	44	33	26	21	17	15	12	10
Rated torque N.m	0.68	0.80	2.2	2.6	3.1	3.9	4.8	6.6	8.0	9.4	11	15	19	21	26	30	35	42
Max. permissible load in a short time N.m	12	12	50	50	50	50	50	100	100	100	100	100	100	110	110	110	110	110

60ZY105-2450 DC Motor

Reduction ratio	3.6	4.25	13	15	18	23	28	43	52	61	72	96	121	154	187	220	260	307
Number of gear trains	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
Length(L) mm	40.3	40.3	53.8	53.8	53.8	53.8	53.8	67.2	67.2	67.2	67.2	67.2	67.2	80.6	80.6	80.6	80.6	80.6
No-load speed r/min	1389	1176	385	333	278	217	179	116	96	82	69	52	41	32	27	23	19	16
Rated speed r/min	1111	941	308	267	222	174	143	93	77	66	56	42	33	31	26	18	15	13
Rated torque N.m	0.75	0.88	2.4	2.8	3.4	4.3	5.2	7.2	8.7	10	12	16	20	23	28	33	39	45
Max. permissible load in a short time N.m	12	12	50	50	50	50	50	100	100	100	100	100	100	110	110	110	110	110