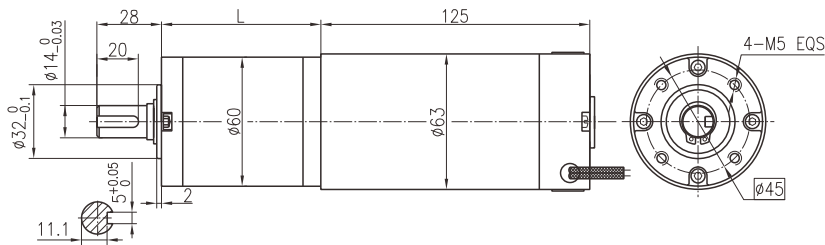


60JX450K/63ZY125

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
63ZY125-2435	24	3500	0.8	2800	0.32	95	6.0	1.1	19
63ZY125-2450	24	5000	1.2	4000	0.38	159	9.5	1.5	32

● Gear Motor Technical Data

63ZY125-2435 DC Motor

Reduction ratio	3.6	4.25	13	15	18	23	28	43	52	61	72	96	121	154	187	220	260
Number of gear trains	1	1	2	2	2	2	2	3	3	3	3	3	3	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
No-load speed r/min	972	824	269	233	194	152	125	81	67	57	49	36	29	23	19	16	13
Rated speed r/min	778	659	215	187	156	122	100	65	54	46	39	29	23	18	15	13	11
Rated torque N.m	1.0	1.2	3.4	3.9	4.7	6.0	7.3	10	12	14	17	22	28	32	39	45	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

63ZY125-2450 DC Motor

Reduction ratio	3.6	4.25	13	15	18	23	28	43	52	61	72	96	121	154	187
Number of gear trains	1	1	2	2	2	2	2	3	3	3	3	3	3	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
No-load speed r/min	1389	1176	385	333	278	217	179	116	96	82	69	52	41	32	27
Rated speed r/min	1111	941	308	267	222	174	143	93	77	66	56	42	33	26	21
Rated torque N.m	1.2	1.5	4.0	4.6	5.5	7.1	8.6	12	14	17	20	27	34	38	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

● Motor Characteristic Figure

