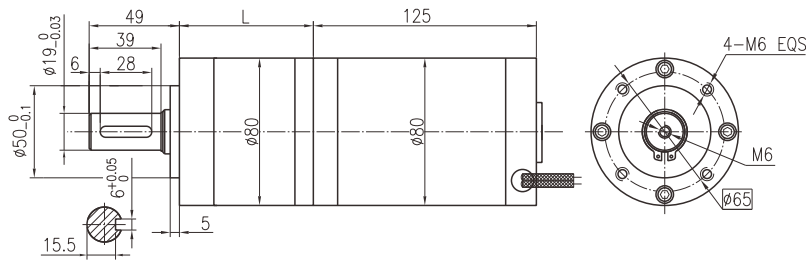


80PMB800K/80ZY125

80mm OD Planetary Gearbox,
Permissible Load Range: 8N.m~80N.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
80ZY125-2420	24	2000	0.8	1650	0.44	76	5	2.5	22
80ZY125-2435	24	3500	1.7	2750	0.95	274	17	4.4	30

Gear Motor Technical Data

80ZY125-2420 DC Motor

Reduction ratio	3.55	5.31	6.6	13	19	23	26	30	37	50	74	92	111	138
Number of gear trains	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Length(L) mm	44.0	44.0	44.0	59.4	59.4	59.4	59.4	59.4	59.4	74.8	74.8	74.8	74.8	74.8
No-load speed r/min	563	377	303	154	105	87	77	67	54	40	27	22	18	14
Rated speed r/min	465	311	250	127	87	72	63	55	45	33	22	18	15	12
Rated torque N.m	1.4	2.1	2.6	4.6	6.8	8.2	9.3	11	13	16	24	30	36	44
Max. permissible load in a short time N.m	30	30	30	40	55	70	90	90	90	120	120	120	120	120

80ZY125-2435 DC Motor

Reduction ratio	3.55	5.31	6.6	13	19	23	26	30	37	50	74	92	111	138
Number of gear trains	1	1	1	2	2	2	2	2	2	3	3	3	3	3
Length(L) mm	44.0	44.0	44.0	59.4	59.4	59.4	59.4	59.4	59.4	74.8	74.8	74.8	74.8	74.8
No-load speed r/min	986	659	530	269	184	152	135	117	95	70	47	38	32	25
Rated speed r/min	775	518	417	212	145	120	106	92	74	55	37	30	25	20
Rated torque N.m	3.0	4.5	5.6	10	15	18	20	23	28	35	51	64	77	80
Max. permissible load in a short time N.m	30	30	30	40	55	70	90	90	90	120	120	120	120	120

Motor Characteristic Figure

