

62ZPN/86DMW80

Helical planetary gear box

Permissible Load Range: 0.45N.m~50N.m



BRUSHLESS MOTOR SPECIFICATION

TYPE	Number of poles	Number of phase	Rated voltage	No-load speed	Rated speed	Rated torque	Rated power	Peak torque	Peak current
			VDC	r/min	r/min	N.m	W	mN.m	A
86DMW80-4830	8	3	48	3600	3000	1	300	3.0	8.6

BRUSHLESS GEAR MOTOR SPECIFICATION

Reduction ratio		3.65	5.36	6.55	8.63	14	19	25	28	34	45
Number of gear trains		1	1	1	1	2	2	2	2	2	2
Length(L)	mm	45.1	45.1	45.1	45.1	62.70	62.70	62.70	62.70	62.70	62.70
No-load speed	r/min	986	671	550	417	257	189	144	129	106	80
Rated speed	r/min	822	560	458	348	214	158	120	107	88	67
Rated torque	N.m	3.2	4.8	5.8	6.9	11.2	15.2	20	22.4	25	25
Peak torque	N.m	15	15	15	15	50	50	50	50	50	50

Reduction ratio		58	67	81	91	103	119	128	146	165	192
Number of gear trains		2	3	3	3	3	3	3	3	3	3
Length(L)	mm	62.70	80.30	80.30	80.30	80.30	80.30	80.30	80.30	80.30	80.30
No-load speed	r/min	62	54	44	40	35	30	28	25	22	19
Rated speed	r/min	52	45	37	33	29	25	23	21	18	16
Rated torque	N.m	25	45	50	50	50	50	50	50	50	50
Peak torque	N.m	50	100	100	100	100	100	100	100	100	100

DIMENSIONS

