

PGM42-50K/42DM51

42mm OD Planetary Gearbox,
Permissible Load Range: 0.5N.m~5.0N.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	mN.m	W	mN.m	A
42DM51-2430	8	3	24	4000	3000	96	30	290	5.2

BRUSHLESS GEAR MOTOR SPECIFICATION

Reduction ratio		3.8	4.9	15	19	24	56	71	91
Number of gear trains		1	1	2	2	2	3	3	3
Length(L)	mm	34.9	34.9	45.5	45.5	45.5	55.9	55.9	55.9
No-load speed	r/min	1047	820	267	211	167	71	56	44
Rated speed	r/min	785	615	200	158	125	54	42	33
Rated torque	N.m	0.33	0.42	1.2	1.5	1.9	3.9	5	5
Peak torque	N.m	1.5	1.5	6	6	6	12	12	12

DIMENSIONS

