

# PGM42-50K/42DM41

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
42DM41-2430	8	3	24	4000	3000	63	20	190	3.6

## BRUSHLESS GEAR MOTOR SPECIFICATION

Reduction ratio		3.8	4.9	15	19	24	56	71	91	116	212
Number of gear trains		1	1	2	2	2	3	3	3	3	4
Length(L)	mm	34.9	34.9	45.5	45.5	45.5	55.9	55.9	55.9	55.9	66.3
No-load speed	r/min	1047	820	267	211	167	71	56	44	34	19
Rated speed	r/min	785	615	200	158	125	54	42	33	26	14
Rated torque	N.m	0.22	0.28	0.77	1.0	1.2	2.6	3.3	4.2	5	5
Peak torque	N.m	1.5	1.5	6	6	6	12	12	12	12	15

## DIMENSIONS

