

# PGM56-300K/57DMH55

56mm OD Planetary Gearbox,  
Permissible Load Range: 3N.m~30N.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
57DMH55-2413	4	3	24	2000	1300	0.15	20	0.4	3.5
57DMH55-2422	4	3	24	3000	2250	0.15	35	0.4	6.3

## BRUSHLESS GEAR MOTOR SPECIFICATION

57DMH55-2413

Reduction ratio		13	15	18	23	47	55	65	77	96	121
Number of gear trains		2	2	2	2	3	3	3	3	3	3
Length(L)	mm	49.5	49.5	49.5	49.5	60.8	60.8	60.8	60.8	60.8	60.8
No-load speed	r/min	154	133	111	87	43	36	31	26	21	17
Rated speed	r/min	100	87	72	57	28	24	20	17	14	11
Rated torque	N.m	1.5	1.8	2.1	2.6	5.1	6	7	8.4	10.5	13.2
Peak torque	N.m	36	36	36	36	72	72	72	72	72	72

57DMH55-2422

Reduction ratio		13	15	18	23	47	55	65	77	96	121
Number of gear trains		2	2	2	2	3	3	3	3	3	3
Length(L)	mm	49.5	49.5	49.5	49.5	60.8	60.8	60.8	60.8	60.8	60.8
No-load speed	r/min	231	200	167	130	64	55	46	39	31	25
Rated speed	r/min	173	150	125	98	48	41	35	29	23	19
Rated torque	N.m	1.5	1.8	2.1	2.6	5.1	6	7	8.4	10.5	13.2
Peak torque	N.m	36	36	36	36	72	72	72	72	72	72

## DIMENSIONS

