

## PGM56-300K/57DMH95

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
57DMH95-2412	4	3	24	2000	1270	0.40	53	1.20	11.2
57DMH95-2420	4	3	24	3000	2000	0.40	90	1.20	17.5

### BRUSHLESS GEAR MOTOR SPECIFICATION

57DMH95-2412

Reduction ratio		3.6	4.25	13	15	18	23	47	55	65	77
Number of gear trains		1	1	2	2	2	2	3	3	3	3
Length(L)	mm	37.8	37.8	49.5	49.5	49.5	49.5	60.8	60.8	60.8	60.8
No-load speed	r/min	556	471	154	133	111	87	43	36	31	26
Rated speed	r/min	353	299	98	85	71	55	27	23	20	16
Rated torque	N.m	1.3	1.5	4.2	4.9	5.8	7.5	14	16	19	23
Peak torque	N.m	9	9	36	36	36	36	72	72	72	72

57DMH95-2420

Reduction ratio		3.6	4.25	13	15	18	23	47	55	65	77
Number of gear trains		1	1	2	2	2	2	3	3	3	3
Length(L)	mm	37.8	37.8	49.5	49.5	49.5	49.5	60.8	60.8	60.8	60.8
No-load speed	r/min	833	706	231	200	167	130	64	55	46	39
Rated speed	r/min	556	471	154	133	111	87	43	36	31	26
Rated torque	N.m	1.3	1.5	4.2	4.9	5.8	7.5	14	16	19	23
Peak torque	N.m	9	9	36	36	36	36	72	72	72	72

### DIMENSIONS

