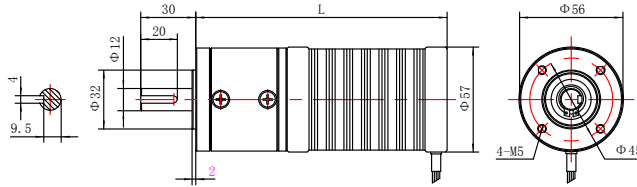


52PA/57BLY PM DC PLANETARY GEAR MOTOR

Mechanical Dimensions



52PAXXXG/57BLY37-2425

Rated Voltage	V	24													
Reduction ratio	1:X	4	8	16	25	36	50	64	81	100	128	144	162	200	256
Stage	#	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Rated speed	rpm	625	313	156	100	69	50	39	35	25	20	17	15	13	9.8
Rated Torque	N-m	0.21	0.41	0.73	1.14	1.64	2.28	2.92	3.23	3.99	5.11	5.75	6.46	7.98	10
Gear motor length	mm	87	87	102	102	102	102	102	117	117	117	117	117	117	117
Moment Possible Max Torque	N-m	0.63	1.23	2.19	3.42	4.92	6.84	8.76	9.69	12	15	17	19	24	30

52PAXXXG/57BLY47-2430

Rated Voltage	V	24													
Reduction ratio	1:X	4	8	16	25	36	50	64	81	100	128	144	162	200	256
Stage	#	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Rated speed	rpm	750	375	188	120	83	60	47	42	30	23	21	19	15	12
Rated Torque	N-m	0.40	0.79	1.41	2.2	3.17	4.4	5.63	6.24	7.7	9.86	11	12	15	15
Gear motor length	mm	97	97	112	112	112	112	112	127	127	127	127	127	127	127
Moment Possible Max Torque	N-m	1.2	2.4	4.2	6.6	9.5	13	17	19	23	30	30	30	30	30

52PAXXXG/57BLY57-2430

Rated Voltage	V	24													
Reduction ratio	1:X	4	8	16	25	36	50	64	81	100	128	144	162	200	256
Stage	#	1	1	2	2	2	2	2	3	3	3	3	3	3	3
Rated speed	rpm	750	375	188	120	83	60	47	42	30	23	21	19	15	12
Rated Torque	N-m	107	107	122	122	122	122	122	137	137	137	137	137	137	137
Gear motor length	mm	0.59	1.19	2.11	3.3	4.75	6.6	8.45	9.36	12	15	15	15	15	15
Moment Possible Max Torque	N-m	1.77	3.57	6.33	9.9	14	20	25	28	30	30	30	30	30	30

Motor Specifications

Model	Rated Voltage	Rated Speed	Rated Current	Rated Torque	Output Power	Biggest Torque	Number of Phases	Number of Poles
	V	rpm	A	N.m	W	N.m	#	#
57BLY37-2425	24	2500	1.2	0.057	15	0.18	3	4
57BLY47-2430	24	3000	2.3	0.11	34	0.38	3	4
57BLY57-2430	24	3000	3.0	0.165	52	0.58	3	4

52 PA 19 G / 57 BLY 47 - 2445
 Size Type Ratio Bearing Size Type Length Voltage and Speed
 52mm Planetary 19:1 Ball 57mm Ferrite 47mm 24=24V;45=4500rpm