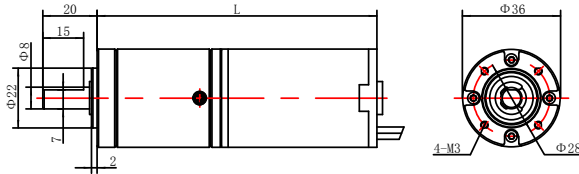


36PA/36BLY BLDC PLANETARY GEAR MOTOR

● **Mechanical Dimensions**



● **36PAXXXG/36BLY42-2430**

Rated Voltage	V	24													
Reduction ratio	1:X	3.7	5.2	13	19	27	51	71	100	139	189	264	369	515	720
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
Rated speed	rpm	568	404	153	109	78	41	30	21	15	11	8.0	5.7	4.1	2.9
Rated Torque	N-m	0.11	0.15	0.35	0.49	0.69	1.14	1.59	2.23	3.0	3.0	3.0	3.0	3.0	3.0
Gear motor length	mm	90	90	98	98	98	106	106	106	106	113	113	113	113	113
Moment Possible Max Torque	N-m	0.33	0.45	1.05	1.47	2.07	3.42	4.77	6.69	9.0	9.0	9.0	9.0	9.0	9.0

● **36PAXXXG/36BLY60-2420**

Rated Voltage	V	24													
Reduction ratio	1:X	3.7	5.2	13	19	27	51	71	100	139	189	264	369	515	720
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
Rated speed	rpm	432	308	117	83	60	31	23	16	12	8.5	6.1	4.3	3.1	2.2
Rated Torque	N-m	0.1	0.14	0.33	0.46	0.64	1.1	1.5	2.1	2.9	3.0	3.0	3.0	3.0	3.0
Gear motor length	mm	90	90	98	98	98	106	106	106	106	113	113	113	113	113
Moment Possible Max Torque	N-m	0.3	0.42	0.99	1.38	1.92	3.3	4.5	6.3	9.0	9.0	9.0	9.0	9.0	9.0

● **36PAXXXG/36BLY60-2440**

Rated Voltage	V	24													
Reduction ratio	1:X	3.7	5.2	13	19	27	51	71	100	139	189	264	369	515	720
Stage	#	1	1	2	2	2	3	3	3	3	4	4	4	4	4
Rated speed	rpm	865	615	234	167	119	63	45	32	23	17	12	8.7	6.2	4.4
Rated Torque	N-m	0.16	0.22	0.53	0.74	1.03	1.7	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Gear motor length	mm	90	90	98	98	98	106	106	106	106	113	113	113	113	113
Moment Possible Max Torque	N-m	0.48	0.66	0.59	2.22	3.09	5.1	7.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0

● **Motor Specifications**

Model	Rated Voltage	No-load Speed	No-load Current	Rated Speed	Rated Torque	Output Power	Biggest Torque	Number of Phases	Number of Poles
	V	rpm	A	rpm	mN.m	W	mN.m	#	#
36BLY42-2430	24	3000	0.27	2100	32	7.0	96	3	4
36BLY60-2420	24	2000	0.09	1600	30	4.8	90	3	4
36BLY60-2440	24	4000	0.13	3200	48	15.7	100	3	4

36 **PA** **19** **G** / **36** **BLY** **60** - **2445**
 Size Type Ratio Bearing Size Type Length Voltage and Speed
 36mm Planetary 19:1 Ball 36mm BLDC 60mm 24=24V;45=4500rpm