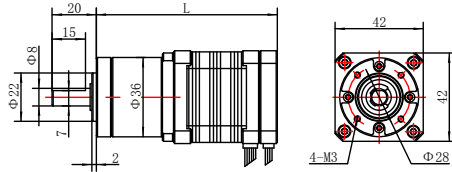


# **36PA/42BLF** BLDC PLANETARY GEAR MOTOR

## ● Mechanical Dimensions



## ● 36PAXXXG/42BLF47-2424

Rated Voltage	V	24								
Reduction ratio	1:X	3.7	5.2	13	19	27	51	71	100	139
Stage	#	1	1	2	2	2	3	3	3	3
Rated speed	rpm	378	269	102	73	52	27	20	14	10
Rated Torque	N-m	0.2	0.28	0.66	0.92	1.3	2.1	3.0	4.0	4.0
Gear motor length	mm	74.3	74.3	82	82	82	89.7	89.7	89.7	89.7
Moment Possible Max Torque	N-m	0.6	0.84	1.97	2.76	3.86	6.43	8.95	9.0	9.0

## ● 36PAXXXG/42BLF47-2432

Rated Voltage	V	24								
Reduction ratio	1:X	3.7	5.2	13	19	27	51	71	100	139
Stage	#	1	1	2	2	2	3	3	3	3
Rated speed	rpm	568	404	153	109	78	41	30	21	15
Rated Torque	N-m	0.2	0.28	0.66	0.92	1.3	2.1	3.0	4.0	4.0
Gear motor length	mm	74.3	74.3	82	82	82	89.7	89.7	89.7	89.7
Moment Possible Max Torque	N-m	0.6	0.84	1.97	2.76	3.86	6.43	8.95	9.0	9.0

## ● 36PAXXXG/42BLF47-2445

Rated Voltage	V	24								
Reduction ratio	1:X	3.7	5.2	13	19	27	51	71	100	139
Stage	#	1	1	2	2	2	3	3	3	3
Rated speed	rpm	757	538	204	146	104	55	39	28	20
Rated Torque	N-m	0.2	0.28	0.66	0.92	1.3	2.1	3.0	4.0	4.0
Gear motor length	mm	74.3	74.3	82	82	82	89.7	89.7	89.7	89.7
Moment Possible Max Torque	N-m	0.6	0.84	1.97	2.76	3.86	6.43	8.95	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	#	#
42BLF47-2424	24	2400	0.5	1400	60	8.7	160	8	3
42BLF47-2432	24	3200	0.5	2100	60	13	160	8	3
42BLF47-2445	24	4500	0.5	2800	60	17	160	8	3

**36**      **PA**      **19**      **G** / **42**      **BLF**      **47**      -      **2445**  
 Size      Type      Ratio      Bearing      Size      Type      Length      Voltage and Speed  
 36mm      Planetary      19:1      Ball      42mm      Ferrite      47mm      24=24V;45=4500rpm