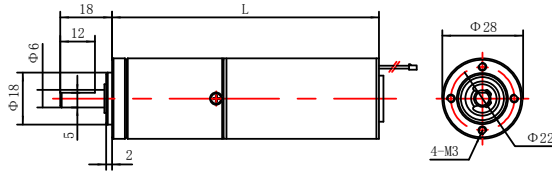


28PA/28BLY PM DC PLANETARY GEAR MOTOR

● **Mechanical Dimensions**



● **28PAXXXG/28BLY40-2430**

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	541	385	156	104	75	39	28	20	14	11	7.6	5.4	3.9	2.8
Rated Torque	N-m	0.02	0.02	0.05	0.08	0.11	0.18	0.25	0.35	0.49	0.57	0.79	1.1	1.5	2.2
Gear motor length	mm	67	67	75	75	75	83	83	83	83	91	91	91	91	91
Moment Possible Max Torque	N-m	0.06	0.06	0.15	0.24	0.33	0.54	0.75	1.05	1.47	1.71	2.37	3.3	4.5	6.6

● **28PAXXXG/28BLY40-2440**

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	730	519	197	141	101	53	38	27	19	14	10	7.3	5.2	3.8
Rated Torque	N-m	0.02	0.03	0.08	0.11	0.15	0.25	0.35	0.49	0.68	0.79	1.1	1.5	2.2	3.0
Gear motor length	mm	67	67	75	75	75	83	83	83	83	91	91	91	91	91
Moment Possible Max Torque	N-m	0.06	0.09	0.24	0.33	0.45	0.75	1.05	1.47	2.04	2.37	3.3	4.5	6.6	9.0

● **28PAXXXG/28BLY40-2450**

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	973	692	263	188	134	71	51	36	26	19	14	9.8	7.0	5.0
Rated Torque	N-m	0.03	0.04	0.09	0.12	0.17	0.29	0.40	0.56	0.78	0.91	1.27	1.77	2.47	3.46
Gear motor length	mm	67	67	75	75	75	83	83	83	83	91	91	91	91	91
Moment Possible Max Torque	N-m	0.09	0.12	0.27	0.36	0.51	0.87	1.2	1.68	2.34	2.73	3.81	5.31	7.41	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	#	#
28BLY40-2430	24	3000	0.1	2000	5.0	1.0	15	3	4
28BLY40-2440	24	4000	0.1	2700	7.0	2.0	21	3	4
28BLY40-2450	24	5000	0.1	3600	8.0	2.9	25	3	4

28 **PA** **19** **G** / **28** **BLY** **40** - **2445**
 Size Type ratio Bearing size type length Voltage and Speed
 28mm Planetary 19:1 Ball 28mm Ferrite 40mm 24=24V;45=4500rpm