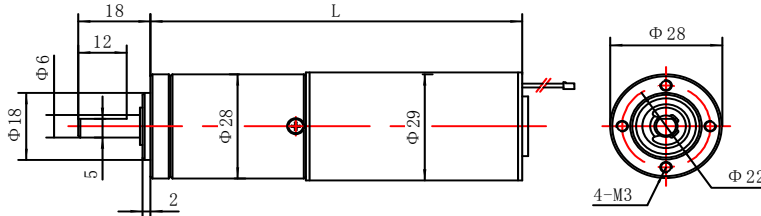


28PA/29BLY BLDC PLANETARY GEAR MOTOR

Mechanical Dimension



28PAXXXG/29BLY40-1275

Rated Voltage	V	12													
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	1563	1120	423	302	216	114	82	58	42	31	22	16	11	8.1
Rated Torque	N-m	0.04	0.06	0.13	0.18	0.26	0.43	0.60	0.84	1.17	1.36	1.90	2.66	3.0	3.0
Gear motor length (L)	mm	67	67	75	75	75	83	83	83	83	91	91	91	91	91
Moment Possible Max Torque	N-m	0.12	0.18	0.39	0.54	0.78	1.29	1.80	2.52	3.51	4.08	5.7	7.98	9.0	9.0

28PAXXXG/29BLY55-1267

Rated Voltage	V	12													
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	1429	1023	387	276	198	104	75	53	38	28	20	14	10	7.4
Rated Torque	N-m	0.06	0.08	0.2	0.28	0.39	0.64	0.89	1.25	1.75	2.04	2.85	3.0	3.0	3.0
Gear motor length (L)	mm	70	70	88	88	88	96	96	96	96	104	104	104	104	104
Moment Possible Max Torque	N-m	0.18	0.24	0.6	0.84	1.17	1.92	2.67	3.75	5.25	6.12	8.55	9.0	9.0	9.0

28PAXXXG/29BLY55-2483

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	1968	1409	533	380	272	143	103	73	53	39	28	20	14	10
Rated Torque	N-m	0.08	0.11	0.26	0.37	0.51	0.86	1.19	1.67	2.33	2.72	3.0	3.0	3.0	3.0
Gear motor length (L)	mm	70	70	88	88	88	96	96	96	96	104	104	104	104	104
Moment Possible Max Torque	N-m	0.24	0.33	0.78	1.11	1.53	2.58	3.57	5.01	6.99	8.16	9.0	9.0	9.0	9.0

Motor Specifications

Model	Rated Voltage	No-load Speed	Rated Speed	Rated Torque	Rated Current	Output Power	Biggest Torque	Number of Phases	Number of Poles
	V	rpm	rpm	mN.m	A	W	mN.m	#	#
29BLY40-1275	12	7500	5800	12	1.1	7.0	36	3	4
29BLY55-1267	12	6700	5300	18	1.5	10	54	3	4
29BLY55-2483	24	8300	7300	24	1.3	18	72	3	4

28 PA 19 G / 29 BLY 40 - 1275
 Size Type Ratio Bearing Size Type Length Voltage and Speed
 28mm Planetary 19:1 Ball 29mm Ferrite 40mm 12=12V;75=7500rpm