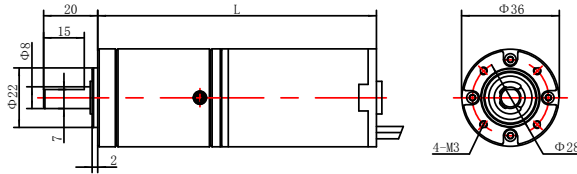


# 36PA/36ZYT60 PM DC PLANETARY GEAR MOTOR

● Mechanical Dimensions



● 36PAXXXG/36ZYT60-2430

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
No-load speed	rpm	811	577	219	156	112	59	42	30	22	16	11	8.1	5.8	4.2
Rated speed	rpm	595	423	161	115	82	43	31	22	16	12	8.3	6.0	4.3	3.1
Rated Torque	kg.cm	0.6	0.84	2.0	2.8	3.9	6.4	8.9	13	18	20	29	40	40	40
Gear motor length (L)	mm	87.2	87.2	94.8	94.8	94.8	103	103	103	103	110	110	110	110	110
Moment Possible Max Torque	kg.cm	1.8	2.5	6.0	7.8	11.7	19.2	26.7	39	54	60	87	100	100	100

● 36PAXXXG/36ZYT60-2445

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
No-load speed	rpm	1216	865	328	234	168	88	63	45	32	24	17	12	8.7	6.3
Rated speed	rpm	892	635	241	172	123	65	46	33	24	17	13	8.9	6.4	5.6
Rated Torque	kg.cm	0.83	1.2	2.7	3.8	5.4	8.9	12	17	24	28	40	40	40	40
Gear motor length (L)	mm	87.2	87.2	94.8	94.8	94.8	103	103	103	103	110	110	110	110	110
Moment Possible Max Torque	kg.cm	2.5	3.6	8.1	11.4	16.2	26.7	36	51	72	84	100	100	100	100

● 36PAXXXG/36ZYT60-2460

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
No-load speed	rpm	1622	1154	438	313	224	118	85	60	43	16	11	8.1	5.8	4.2
Rated speed	rpm	1216	865	328	234	168	88	63	45	32	24	17	12	8.7	6.3
Rated Torque	kg.cm	1.6	3.8	5.4	7.5	12	17	24	34	40	40	40	40	40	40
Gear motor length (L)	mm	87.2	87.2	94.8	94.8	94.8	103	103	103	103	110	110	110	110	110
Moment Possible Max Torque	kg.cm	4.8	11.4	16.2	22.5	36	51	72	100	100	100	100	100	100	100

● Motor specifications

Model	Rated Voltage	No-load Speed	No-load Current	Rated Speed	Rated Current	Rated Torque	Stall Current	Stall Torque	Rated Power
	V	rpm	mA	rpm	mA	g.cm	A	g.cm	W
36ZYT60-2430	24	3000	70	2200	400	180	1.6	750	4.0
36ZYT60-2445	24	4500	110	3300	600	350	3.0	950	8.5
36ZYT60-2460	24	6000	180	4500	1000	350	4.0	1400	15

**36**      **PA**      **19**      **G** /      **36**      **ZYT**      **60**      -      **2445**  
 Size      Type      ratio      Bearing      size      type      length      Voltage and Speed  
 36mm      Planetary      19:1      Ball      36mm      Ferrite      60mm      24=24V;45=4500rpm