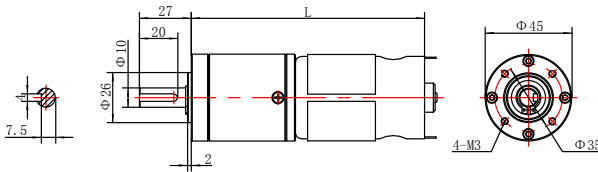


45PA/42ZYT68 PM DC PLANETARY GEAR MOTOR

● Mechanical Dimensions



● 45PAXXXG/42ZYT68-2430

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	1.2	1.6	3.8	5.4	7.5	12	17	24	34	40	55	77	108	120
Gear motor length (L)	mm	107	107	119	119	119	131	131	131	131	143	143	143	143	143
Moment Possible Max Torque	kg.cm	3.6	4.8	11.4	16.2	22.5	36	51	72	102	120	165	231	300	300

● 45PAXXXG/42ZYT68-2445

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	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	1.7	2.3	5.5	7.7	11	18	25	35	49	57	79	111	120	120
Gear motor length (L)	mm	107	107	119	119	119	131	131	131	131	143	143	143	143	143
Moment Possible Max Torque	kg.cm	5.1	6.9	16.5	23.1	33	54	75	105	147	171	237	300	300	300

● 45PAXXXG/42ZYT68-2460

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	2.5	3.5	8.2	12	16	27	37	52	73	85	119	120	120	120
Gear motor length (L)	mm	107	107	119	119	119	131	131	131	131	143	143	143	143	143
Moment Possible Max Torque	kg.cm	7.5	10.5	24.6	36	48	81	111	156	219	255	300	300	300	300

● 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
42ZYT68-2430	24	3000	70	2200	400	180	1.6	750	4.0
42ZYT68-2445	24	4500	110	3300	600	350	3.0	950	8.5
42ZYT68-2460	24	6000	180	4500	1000	350	4.0	1400	15

45 **PA** **19** **G** / **42** **ZYT** **68** - **2445**
 Size Type Ratio Bearing Size Type Length Voltage and Speed
 45mm Planetary 19:1 Ball 42mm Ferrite 68mm 24=24V;45=4500rpm