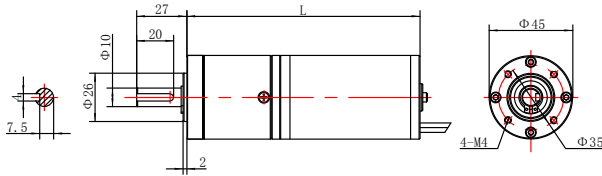


45PA/45ZYT75 PM DC PLANETARY GEAR MOTOR

● Mechanical Dimensions



● 45PAXXXG/45ZYT75-2430

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	N-m	1.8	2.6	6.1	8.6	12	21	29	40	56	67	94	100	100	100
Gear motor length (L)	mm	108.6	108.6	119.9	119.9	119.9	131.2	131.2	131.2	131.2	142.5	142.5	142.5	142.5	142.5
Moment Possible Max Torque	kg.cm	30	30	50	50	50	100	100	100	100	200	200	200	200	200

● 45PAXXXG/45ZYT75-2445

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	N-m	2.7	3.7	8.9	12	17	30	41	58	81	98	100	100	100	100
Gear motor length (L)	mm	108.6	108.6	119.9	119.9	119.9	131.2	131.2	131.2	131.2	142.5	142.5	142.5	142.5	142.5
Moment Possible Max Torque	kg.cm	30	30	50	50	50	100	100	100	100	200	200	200	200	200

● 45PAXXXG/45ZYT75-2460

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	N-m	3.7	5.1	12	17	24	41	57	80	100	100	100	100	100	100
Gear motor length (L)	mm	108.6	108.6	119.9	119.9	119.9	131.2	131.2	131.2	131.2	142.5	142.5	142.5	142.5	142.5
Moment Possible Max Torque	kg.cm	30	30	50	50	50	100	100	100	100	200	200	200	200	200

● 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
45ZYT75-2430	24	3000	180	2200	850	550	3.0	2200	12
45ZYT75-2445	24	4500	280	3300	1800	800	6.3	3200	26.4
45ZYT75-2460	24	3000	350	4500	3500	1100	13	4400	49

45 **PA** **19** **G** / **45** **ZYT** **75** - **2445**
 Size Type Ratio Bearing Size Type Length Voltage and Speed
 45mm Planetary 19:1 Ball 45mm Ferrite 75mm 24=24V;45=4500rpm