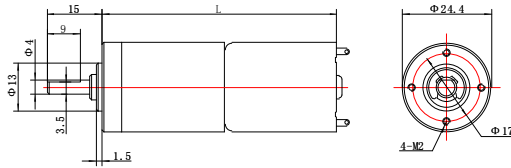


# 25PA/24ZYT30 PM DC PLANETARY GEAR MOTOR

● Mechanical Dimensions



● 25PAXXXG/24ZYT30-1230

Rated Voltage	V	12													
Reduction ratio	1:X	16	19	22.6	64	76	90.3	107	256	304	361	428	509	1024	1216
Stage	#	2	2	2	3	3	3	3	4	4	4	4	4	5	5
No-load speed	rpm	188	158	133	47	39	33	28	12	9.9	8.3	7.0	6.0	2.9	2.5
Rated speed	rpm	138	116	98	34	29	24	21	8.6	7.2	6.1	5.1	4.3	2.1	1.8
Rated Torque	kg.cm	0.19	0.23	0.27	0.7	0.83	0.99	1.2	2.5	3.0	3.5	4.2	5.0	7.0	7.0
Gear motor length (L)	mm	51.5	51.5	51.5	56.5	56.5	56.5	56.5	61.5	61.5	61.5	61.5	61.5	66.5	66.5
Moment Possible Max Torque	kg.cm	0.78	0.92	1.1	2.8	3.3	3.9	4.7	12	10	12	15	15	15	15

● 25PAXXXG/24ZYT30-1260

Rated Voltage	V	12													
Reduction ratio	1:X	16	19	22.6	64	76	90.3	107	256	304	361	428	509	1024	1216
Stage	#	2	2	2	3	3	3	3	4	4	4	4	4	5	5
No-load speed	rpm	375	316	267	94	79	67	56	23	20	17	14	12	5.9	7.6
Rated speed	rpm	281	237	200	70	59	50	42	18	15	12	11	8.8	4.4	3.7
Rated Torque	kg.cm	0.39	0.46	0.55	1.4	1.7	1.6	2.0	5.0	7.0	5.6	7.0	7.0	7.0	7.0
Gear motor length (L)	mm	51.5	51.5	51.5	56.5	56.5	56.5	56.5	61.5	61.5	61.5	61.5	61.5	66.5	66.5
Moment Possible Max Torque	kg.cm	1.6	1.8	2.2	5.6	6.7	7.9	9.4	15	15	15	15	15	15	15

● 25PAXXXG/24ZYT30-2460

Rated Voltage	V	24													
Reduction ratio	1:X	16	19	22.6	64	76	90.3	107	256	304	361	428	509	1024	1216
Stage	#	2	2	2	3	3	3	3	4	4	4	4	4	5	5
No-load speed	rpm	375	316	267	94	79	67	56	23	20	17	14	12	5.9	7.6
Rated speed	rpm	281	237	200	70	59	50	42	18	15	12	11	8.8	4.4	3.7
Rated Torque	kg.cm	0.39	0.46	0.55	1.4	1.7	1.6	2.0	5.0	7.0	5.6	7.0	7.0	7.0	7.0
Gear motor length (L)	mm	51.5	51.5	51.5	56.5	56.5	56.5	56.5	61.5	61.5	61.5	61.5	61.5	66.5	66.5
Moment Possible Max Torque	kg.cm	1.6	1.8	2.2	5.6	6.7	7.9	9.4	15	15	15	15	15	15	15

● 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
24ZYT30-1230	12	3000	15	2200	55	15	0.28	60	0.33
24ZYT30-1260	12	6000	30	4500	250	30	1.2	120	1.4
24ZYT30-2460	24	6000	15	4500	130	30	0.55	120	1.4

Product Code:

**25**      **PA**      **16**      **G** / **24**      **ZYT**      **30**      -      **1230**  
 Size      Type      Ratio      Bearing      Size      Type      Length      Voltage and Speed  
 25mm      Planetary      16:1      Ball      24mm      Ferrite      30mm      12=12V;30=3000rpm