

36PA

PMDc PLANET GEAR MOTOR

35ZYT40

直流行星齿轮减速电机



Motor specifications/马达参数

电机型号 Model #	额定电压 Rated Voltage	空载转速 No-load speed	空载电流 No-load Current	额定转速 Rated speed	额定电流 Rated Current	额定力矩 Rated Torque	堵转电流 Stall Current	堵转力矩 Stall Torque	额定功率 Rated Power
35ZYT40-1240	12V	4000rpm	100mA	3200rpm	550mA	100g.cm	2.1A	500g.cm	3.3W
35ZYT40-2440	24V	4000rpm	55mA	3000rpm	230mA	100g.cm	0.7A	400g.cm	3.5W
35ZYT40-1250	12V	5000rpm	110mA	4300rpm	600mA	80g.cm	2.2A	570g.cm	3.1W
35ZYT40-2450	24V	5000rpm	60mA	4100rpm	380mA	100g.cm	2.0A	555g.cm	4.2W

Gear Motor Technical Data/齿轮减速电机主要参数

36PAXXXG/35ZYT40-1240

Reduction ratio (1:X)	4	5	13	19	27	51	71	100	139	189	264	369	515	720
Stage (#)	1		2			3				4				
No-load Speed (rpm)	1081	769	294	208	149	78	56	40	29	21	15	11	7.8	5.5
Rated Speed (rpm)	865	615	235	167	119	63	45	32	23	17	12	8.6	6.2	4.4
Rated Torque (kg.cm)	0.31	0.44	0.98	1.4	1.9	3.1	4.3	6.1	8.5	9.8	13	19	20	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	29		36.8			44.5				52.3				

36PAXXXG/35ZYT40-2440

Reduction ratio (1:X)	4	5	13	19	27	51	71	100	139	189	264	369	515	720
Stage (#)	1		2			3				4				
No-load Speed (rpm)	1081	769	294	208	149	78	56	40	29	21	15	11	7.8	5.5
Rated Speed (rpm)	811	577	221	156	112	59	42	30	21	16	11	8.1	5.8	4.2
Rated Torque (kg.cm)	0.31	0.44	0.98	1.4	1.9	3.1	4.3	6.1	8.5	9.8	13	19	20	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	29		36.8			44.5				52.3				

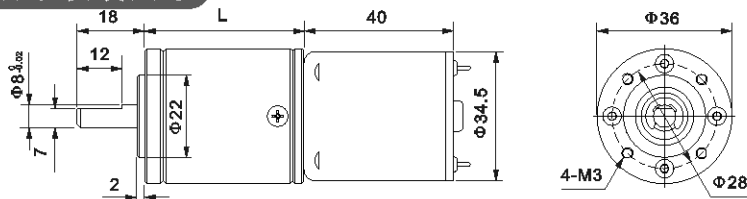
36PAXXXG/35ZYT40-1250

Reduction ratio (1:X)	4	5	13	19	27	51	71	100	139	189	264	369	515	720
Stage (#)	1		2			3				4				
No-load Speed (rpm)	1351	961	368	260	186	98	70	50	36	26	19	13	9.7	6.9
Rated Speed (rpm)	1162	827	316	224	160	84	60	43	31	23	16	11	8.3	6.0
Rated Torque (kg.cm)	0.25	0.35	0.78	1.1	1.5	2.5	3.4	4.8	6.8	7.9	11	15	20	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	29		36.8			44.5				52.3				

36PAXXXG/35ZYT40-2450

Reduction ratio (1:X)	4	5	13	19	27	51	71	100	139	189	264	369	515	720
Stage (#)	1		2			3				4				
No-load Speed (rpm)	1351	961	368	260	186	98	70	50	36	26	19	13	9.7	6.9
Rated Speed (rpm)	1108	788	301	213	153	80	58	41	29	21	15	11	8.0	5.7
Rated Torque (kg.cm)	0.31	0.44	0.98	1.4	1.9	3.1	4.3	6.1	8.5	9.8	13	19	20	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	29		36.8			44.5				52.3				

Dimensions/外形和安装尺寸



Product Code/型号定义

36	PA	27G	35	ZYT	40	1240	ME
机座号 Frame size 36=Φ36mm	行星齿轮 Planetary	减速比 Gear Ratio 27=27:1	马达直径 Motor size 35=Φ35mm	马达类型 Motor Type	马达长度 Motor Length 40=40mm	电压/转速 Voltage and speed 12=12V; 40=4000rpm	可带编码器 Optional Encoder ME = Magnet Encoder