

32PA

PMDc PLANET GEAR MOTOR

32ZYT30

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
32ZYT30-1234	12V	3400rpm	40mA	2500rpm	180mA	40g.cm	0.65A	160g.cm	1.0W
32ZYT30-2468	24V	6800rpm	45mA	5100rpm	280mA	60g.cm	1.10A	240g.cm	3.1W
32ZYT30-1270	12V	7000rpm	40mA	5200rpm	410mA	60g.cm	1.80A	240g.cm	3.1W
32ZYT30-2430	24V	3000rpm	18mA	2500rpm	85mA	40g.cm	0.30A	160g.cm	1.0W

Gear Motor Technical Data/齿轮减速电机主要参数

32PAXXXG/32ZYT30-1234

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)	919	654	250	177	127	67	48	34	25	18	13	9.2	6.6	4.7
Rated Speed (rpm)	676	481	184	130	93	49	35	25	18	13	9.5	6.8	4.9	3.4
Rated Torque (kg.cm)	0.13	0.18	0.39	0.55	0.77	1.2	1.7	2.4	3.4	3.9	5.5	7.7	11	15
Max load (kg.cm)	9		15			30				45				
Gear Box Length(mm)	27		34.8			42.5				50.3				

32PAXXXG/32ZYT30-2468

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)	1838	1308	500	354	254	133	96	68	49	36	26	18	13	9.4
Rated Speed (rpm)	1378	981	375	266	190	133	71	51	37	27	19	14	9.9	7.1
Rated Torque (kg.cm)	0.19	0.27	0.59	0.83	1.2	1.9	2.6	3.6	5.1	5.9	8.2	11	16	20
Max load (kg.cm)	9		15			30				45				
Gear Box Length(mm)	27		34.8			42.5				50.3				

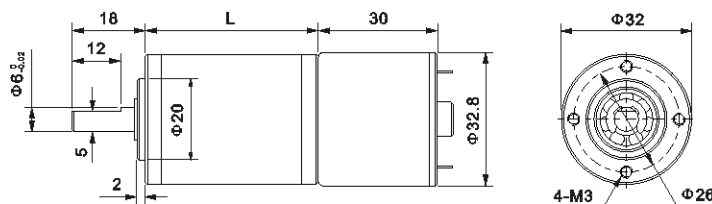
32PAXXXG/32ZYT30-1270

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)	1892	1346	515	365	261	137	99	70	50	37	27	19	14	9.7
Rated Speed (rpm)	1405	1000	382	271	194	102	73	52	37	28	20	14	10	7.2
Rated Torque (kg.cm)	0.19	0.27	0.59	0.83	1.2	1.9	2.6	3.6	5.1	5.9	8.2	11	16	20
Max load (kg.cm)	9		15			30				45				
Gear Box Length(mm)	27		34.8			42.5				50.3				

32PAXXXG/32ZYT30-2430

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)	811	577	221	156	112	59	42	30	22	16	11	8.1	5.8	4.1
Rated Speed (rpm)	676	481	184	130	93	49	35	25	18	13	9.5	6.8	4.9	3.4
Rated Torque (kg.cm)	0.13	0.18	0.39	0.55	0.77	1.2	1.7	2.4	3.4	3.9	5.5	7.7	11	15
Max load (kg.cm)	9		15			30				45				
Gear Box Length(mm)	27		34.8			42.5				50.3				

Dimensions/外形和安装尺寸



Product Code/型号定义

32	PA	27G	32	ZYT	30	1234	ME
机座号 Frame size 32=Φ32mm	行星齿轮 Planetary	减速比 Gear Ratio 27=27:1	马达直径 Motor size 32=Φ32mm	马达类型 Motor Type	马达长度 Motor Length 30=30mm	电压/转速 Voltage and speed 12=12V; 34=3400rpm	可带编码器 Optional Encoder ME = Magnet Encoder