

32PA

PMDc PLANET GEAR MOTOR

28ZYT46

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
28ZYT46-2446	24V	3800rpm	37mA	3100rpm	160mA	72g.cm	0.7A	384g.cm	2.4W
28ZYT46-1260	12V	6000rpm	60mA	4910rpm	266mA	77g.cm	1.2A	420g.cm	4.0W
28ZYT46-2475	24V	7490rpm	55mA	6420rpm	336mA	90g.cm	2.1A	650g.cm	5.9W

Gear Motor Technical Data/齿轮减速电机主要参数

32PAXXXG/28ZYT46-2446

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)	1027	371	279	198	142	74	53	38	27	20	14	10	7.4	5.3
Rated Speed (rpm)	838	596	228	161	115	61	43	31	22	16	12	8.4	6.0	4.3
Rated Torque (kg.cm)	0.23	0.32	0.71	1.0	1.4	2.2	3.1	4.3	6.1	7.1	9.9	14	19	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	25		33			40.5				48.3				

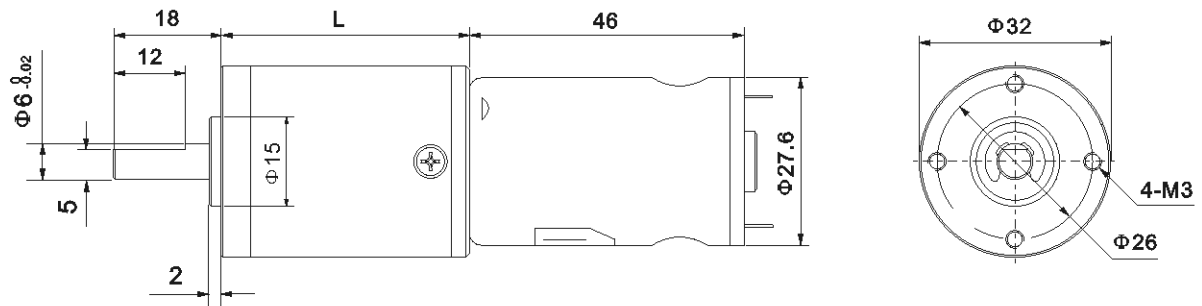
32PAXXXG/28ZYT46-1260

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)	1621	1153	441	312	224	118	84	60	43	32	23	16	12	8.3
Rated Speed (rpm)	1327	944	361	256	183	96	69	49	35	26	19	13	9.5	6.8
Rated Torque (kg.cm)	0.24	0.34	0.75	1.1	1.5	2.4	3.3	4.7	6.5	7.5	10	15	20	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	25		33			40.5				48.3				

32PAXXXG/28ZYT46-2475

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)	2024	1440	551	390	279	147	105	75	54	39	28	20	14	10
Rated Speed (rpm)	1735	1234	472	334	239	126	90	64	46	34	24	17	12	8.9
Rated Torque (kg.cm)	0.28	0.40	0.88	1.2	1.7	2.8	3.9	5.4	7.6	8.8	12	17	20	20
Max load (kg.cm)	15		30			45				60				
Gear Box Length(mm)	25		33			40.5				48.3				

Dimensions/外形和安装尺寸



Product Code/型号定义

32	PA	27G	28	ZYT	46	2446	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 28=Φ28mm	马达类型 Motor Type	马达长度 Motor Length 46=46mm	电压/转速 Voltage and speed 24=24V;46=4600rpm	可带编码器 Optional Encoder ME = Magnet Encoder