

# 22PA

## 20ZYT32

# PMDc PLANET GEAR MOTOR

## 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
20ZYT32-1244	12V	4400rpm	20mA	3800rpm	70mA	10g.cm	0.32A	67g.cm	0.39W
20ZYT32-1265	12V	6500rpm	28mA	5300rpm	120mA	15g.cm	0.52A	82g.cm	0.81W
20ZYT32-1292	12V	9200rpm	55mA	7100rpm	190mA	25g.cm	0.80A	130g.cm	1.8W
20ZYT32-2492	24V	9200rpm	27mA	7100rpm	140mA	25g.cm	0.63A	130g.cm	1.8W

### Gear Motor Technical Data/齿轮减速电机主要参数

#### 22PAXXXG/20ZYT32-1244-6/4

Reduction ratio (1:X)	16	19	22	64	76	90	107	256	304	361	428	509	1024	1216	
Stage (#)	2			3				4				5			
No-load Speed (rpm)	275	231	195	68	58	48	41	17	14	12	10	8.6	4.3	3.6	
Rated Speed (rpm)	237	200	169	59	50	42	35	15	12	10	8.8	7.5	3.7	3.1	
Rated Torque (kg.cm)	0.11	0.14	0.16	0.39	0.46	0.55	0.65	1.3	1.6	1.8	2.2	2.6	4.6	5.4	
Max load (kg.cm)	9			12				15				21			
Length A/Length B(mm)	25/20			30/25				35/30				40/35			

#### 22PAXXXG/20ZYT32-1265-6/4

Reduction ratio (1:X)	16	19	22	64	76	90	107	256	304	361	428	509	1024	1216	
Stage (#)	2			3				4				5			
No-load Speed (rpm)	406	342	288	101	85	72	61	25	21	18	15	12	6.3	5.3	
Rated Speed (rpm)	331	278	235	83	69	58	49	20	17	14	12	10	5.1	4.3	
Rated Torque (kg.cm)	0.17	0.21	0.24	0.58	0.69	0.82	0.98	2.0	2.3	2.8	3.3	3.9	6.9	7.0	
Max load (kg.cm)	9			12				15				21			
Length A/Length B(mm)	25/20			30/25				35/30				40/35			

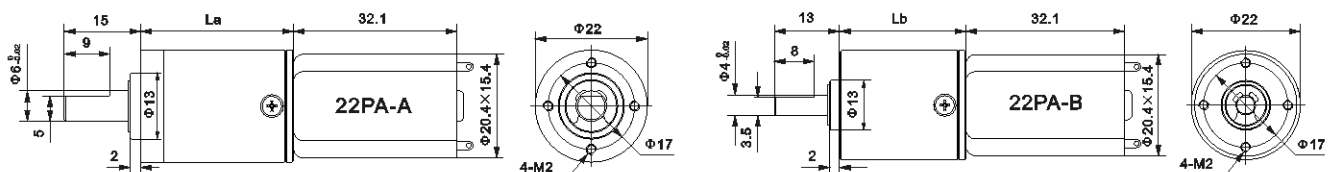
#### 22PAXXXG/20ZYT32-1292-6/4

Reduction ratio (1:X)	16	19	22	64	76	90	107	256	304	361	428	509	1024	1216	
Stage (#)	2			3				4				5			
No-load Speed (rpm)	575	484	409	143	121	102	86	36	30	25	21	18	9	7.5	
Rated Speed (rpm)	443	373	315	111	93	78	66	27	23	19	16	14	6.9	5.8	
Rated Torque (kg.cm)	0.28	0.34	0.41	0.97	1.1	1.3	1.6	3.3	3.9	4.6	5.5	6.6	7.0	7.0	
Max load (kg.cm)	9			12				15				21			
Length A/Length B(mm)	25/20			30/25				35/30				40/35			

#### 22PAXXXG/20ZYT32-2492-6/4

Reduction ratio (1:X)	16	19	22	64	76	90	107	256	304	361	428	509	1024	1216	
Stage (#)	2			3				4				5			
No-load Speed (rpm)	575	484	409	143	121	102	86	36	30	25	21	18	9	7.5	
Rated Speed (rpm)	443	373	315	111	93	78	66	27	23	19	16	14	6.9	5.8	
Rated Torque (kg.cm)	0.28	0.34	0.41	0.97	1.1	1.3	1.6	3.3	3.9	4.6	5.5	6.6	7.0	7.0	
Max load (kg.cm)	9			12				15				21			
Length A/Length B(mm)	25/20			30/25				35/30				40/35			

### Dimensions/外形和安装尺寸



### Product Code/型号定义

22	PA	16G	20	ZYT	32	1244	6/4
机座号 Frame size 22=Φ22mm	行星齿轮 Planetary	减速比 Gear Ratio 16=16:1	马达直径 Motor size 20=Φ20mm	马达类型 Motor Type	马达长度 Motor Length 32=32mm	电压/转速 Voltage and speed 12=12V;44=4400rpm	出轴直径 Shaft 6=Φ6mm;4=Φ4mm