经济型无刷行星减速电机 (内齿圈材质:金属和粉末金属)
Economical BLDC Planetary Gear Motor (Ring Gear Material: Metal and Powder Metal)

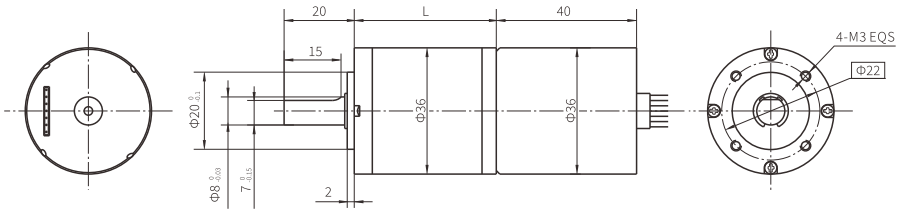
36JXE30K/36ZWNP40

Φ36行星减速器，允许转矩范围:0.3N.m~3N.m
36mm OD Planetary Gearbox,
Permissible Load Range: 0.3N.m~3N.m

无刷直流电动机，3相4极，内置驱动器
3 phase 4 poles brushless DC motor, with built-in driver

可在两种材质的内齿圈中进行选择:粉末金属(型号 36JXF30K)，金属(型号 36JXE30K)
Ring gear can be selected within the two materials: Powder metal (Type: 36JXF30K) , Metal (Type: 36JXE30K)

■ 外形和安装尺寸 Dimensions



■ 无刷电动机主要技术参数 Brushless Motor Technical Data

电机型号 Type	极数 Number of poles	相数 Number of phase	额定电压 Rated Voltage VDC	空载转速 No-load Speed r/min	额定转速 Rated Speed r/min	额定转矩 Rated Torque mN.m	额定功率 Rated Power W	额定电流 Rated Current mA
36ZWNP40-1240	4	3	12	4000	3000	15	4.7	850
36ZWNP40-2440	4	3	24	4000	3000	20	6.3	550

■ 无刷行星齿轮减速电机主要技术参数 Brushless Gear Motor Technical Data

配置36ZWNP40-1240无刷直流电机(36ZWNP40-1240 BLDC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length mm	26.5	26.5	33.6	33.6	33.6	40.5	40.5	40.5	40.5	47.4	47.4	47.4
空载速度 No-load speed r/min	1078	772	286	211	148	78	56	40	29	21	15	11
额定转速 Rated speed r/min	809	579	214	158	111	59	42	30	22	16	11	8.1
额定转矩 Rated torque N.m	0.05	0.07	0.17	0.23	0.33	0.56	0.78	1.1	1.5	1.8	2.6	3
最大瞬间允许负载 N.m Max. permissible load in a short time	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9	9	9

配置36ZWNP40-2440无刷直流电机(36ZWNP40-2440 BLDC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length mm	26.5	26.5	33.6	33.6	33.6	40.5	40.5	40.5	40.5	47.4	47.4	47.4
空载速度 No-load speed r/min	1078	772	286	211	148	78	56	40	29	21	15	11
额定转速 Rated speed r/min	809	579	214	158	111	59	42	30	22	16	11	8.1
额定转矩 Rated torque N.m	0.067	0.093	0.23	0.31	0.44	0.74	1.0	1.5	2.0	2.5	3	3
最大瞬间允许负载 N.m Max. permissible load in a short time	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9	9	9

■ 接线方式 Wire Diagram

VCC 正极+	GND 负极-	Reversing 转向	Speed Control 调速	Braking 制动	Pulse Output 脉冲输出