

无刷直行星齿轮减速电机(内齿圈材质:金属和粉末金属)

BLDC Planetary Gear Motor (Ring Gear Material: Metal and Powder Metal)

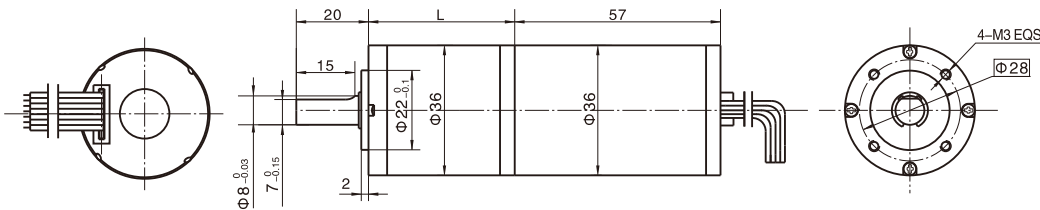
36JXE30K/36ZWNP57 $\Phi 36$ 行星减速器, 允许转矩范围: 0.3N.m~3N.m
36mm OD Planetary Gearbox,
Permissible Load Range: 0.3N.m~3N.m

无刷直流电动机, 3相4极, 外置驱动器 3 phase 4 poles brushless DC motor, with external 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	启动转矩 Started torque mN.m
36ZWNP57-2450	4	3	24	5000	4200	40	18	257

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配置36ZWNP57-2450无刷直流电机 (36ZWNP57-2450 BLDC Motor)

减速比 Reduction ratio	3.7	5.2	14	19	27	51	71	100	139	189
减速级数 Number of gear trains	1	1	2	2	2	3	3	3	3	4
减速器长度(L) Length(L) mm	26.5	26.5	33.6	33.6	33.6	40.5	40.5	40.5	40.5	47.4
空载转速 No-load speed r/min	1348	965	357	263	185	98	70	50	36	26
额定转速 Rated speed r/min	1132	811	300	221	156	82	59	42	30	22
额定转矩 Rated torque N.m	0.13	0.19	0.45	0.62	0.87	1.5	2.1	2.9	3	3
最大瞬间允许负载 Max. permissible load in a short time N.m	1.0	1.0	3.5	3.5	3.5	7.5	7.5	7.5	7.5	9

● 接线方式 Wire Diagram

U	V	W	Vcc	Ha	Hb	Hc	GND
灰 Grey	棕 Brown	白 White	红 Red	黄 Yellow	蓝 Blue	绿 Green	黑 Black

26AWG UL1007