

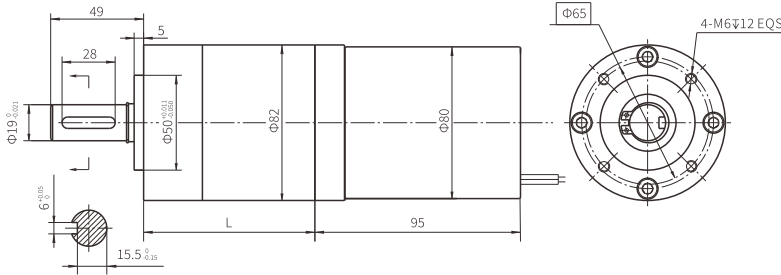
无刷直流行星齿轮减速电机 (内齿圈材质:金属)
BLDC Planetary Gear Motor (Ring Gear Material: Metal)

80JX3000K/80BL95

Φ80行星减速器, 允许转矩范围:2N.m~300N.m
 80mm OD Planetary Gearbox,
 Permissible Load Range: 2N.m~300N.m

■ 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 N.m	额定功率 Rated Power W	额定电流 Rated Current A	峰值转矩 Peak Torque N.m	峰值电流 Peak Current A	电阻 Line to line resistance ohms	电感 Line to line inductance mH
80BL95-2438	10	3	24	4000	3000	0.64	200	10.42	1.27	20.83	0.128	0.41
80BL95-2450	10	3	24	5000	4000	0.6	250	13.02	1.19	26.04	0.09	0.25

■ 无刷行星齿轮减速电机主要技术参数

Brushless Gear Motor Technical Data

配置80BL95-2440无刷直流电机(80BL95-2440 BLDC Motor)

减速比 Reduction ratio	5.6	6.75	18	25	38	46	61	77	93	116	140	169	211	308	462	842
减速级数 Number of gear trains	1	1	2	2	2	2	3	3	3	3	3	3	3	3	4	4
减速器长度(L) Length mm	62.5	62.5	78.5	78.5	78.5	78.5	97	97	97	97	97	97	97	97	119	119
空载速度 No-load speed r/min	714	593	222	160	105	87	66	52	43	34	29	24	19	13	9	5
额定转速 Rated speed r/min	536	444	167	120	79	65	49	39	32	26	21	18	14	10	6	4
额定转矩 Rated torque N.m	3.2	3.9	9.3	12.9	19.6	23.7	28.3	35.7	43.2	53.8	65.0	78.4	97.9	143.0	193.0	300
最大瞬间允许负载 Max. permissible load in a short time N.m	5	10	15	25	25	40	40	50	60	100	100	100	120	160	220	350

配置80BL95-2450无刷直流电机(80BL95-2450 BLDC Motor)

减速比 Reduction ratio	5.6	6.75	18	25	38	46	61	77	93	116	140	169	211	308	462	842
减速级数 Number of gear trains	1	1	2	2	2	2	3	3	3	3	3	3	3	3	4	4
减速器长度(L) Length mm	62.5	62.5	78.5	78.5	78.5	78.5	97	97	97	97	97	97	97	97	119	119
空载速度 No-load speed r/min	893	741	278	200	132	109	82	65	54	43	36	30	24	16	11	6
额定转速 Rated speed r/min	714	593	222	160	105	87	66	52	43	34	29	24	19	13	9	5
额定转矩 Rated torque N.m	3.0	3.6	8.7	12.1	18.4	22.2	26.5	33.5	40.5	50.5	60.9	73.5	91.8	134.0	180.9	300
最大瞬间允许负载 Max. permissible load in a short time N.m	5	10	15	25	25	40	40	50	60	100	100	100	120	160	220	350

■ 接线方式

Wire Diagram

U	V	W	Vcc	Ha	Hb	Hc	GND
电机 Motor			霍尔 Hall				