

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)

56JXL450K/57DMW95 56JXL450K/57DMWH95

Φ56行星减速器, 允许转矩范围: 4N.m~45N.m
56mm OD Planetary Gearbox,
Permissible Load Range: 4N.m~45N.m

57DMW95是24VDC电机, 57DMWH95是36VDC电机
57DMW95 is a 24VDC motor, 57DMWH95 is a 36VDC motor

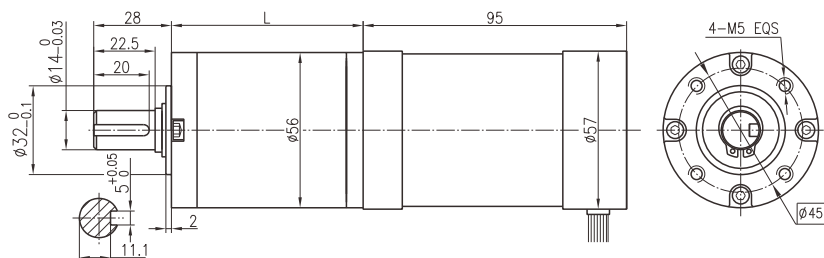
低噪音减速器, 第一级斜齿轮设计, 型号中使用代号L
Low noise gearboxes, 1-Stage use helical gears, The code name 'L' is used in the model

● 接线方式 Wire Diagram

U	V	W	Vcc	Ha	Hb	Hc	GND
红 Red	黄 Yellow	黑 Black	红 Red	蓝 Blue	绿 Green	白 White	黑 Black
20AWG UL1569			26AWG UL1569				



● 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	额定转矩 Rated torque N.m	额定转速 Rated speed r/min	额定电流 Rated current A	额定功率 Rated power W	峰值扭矩 Peak torque N.m	峰值电流 Peak current A
57DMW95-2440	4	3	24	4000	0.32	3200	5.5	100	1.0	16
57DMWH95-3640	4(8)	3	36	4000	0.45	3200	5.5	135	1.3	16

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

配置57DMW95-2440无刷直流电机 (57DMW95-2440 BLDC Motor)

减速比 Reduction ratio	13	15	18	23	28	43	52	61	72	96	121	154	187	220
减速级数 Number of gear trains	2	2	2	2	2	3	3	3	3	3	3	4	4	4
减速器长度(L) Length(L) mm	49.5	49.5	49.5	49.5	49.5	60.8	60.8	60.8	60.8	60.8	60.8	71.9	71.9	71.9
空载转速 No-load speed r/min	308	267	222	174	143	93	77	66	56	42	33	26	21	18
额定转速 Rated speed r/min	246	213	178	139	114	74	62	52	44	33	26	21	17	15
额定转矩 Rated torque N.m	3.4	3.9	4.7	6.0	7.3	10	12	14	17	22	28	32	39	45
最大瞬间允许负载 Max. permissible load in a short time N.m	36	36	36	36	36	72	72	72	72	72	72	90	90	90

配置57DMWH95-3640无刷直流电机 (57DMWH95-3640 BLDC Motor)

减速比 Reduction ratio	13	15	18	23	28	43	52	61	72	96	121	154	187
减速级数 Number of gear trains	2	2	2	2	2	3	3	3	3	3	3	4	4
减速器长度(L) Length(L) mm	49.5	49.5	49.5	49.5	49.5	60.8	60.8	60.8	60.8	60.8	60.8	71.9	71.9
空载转速 No-load speed r/min	308	267	222	174	143	93	77	66	56	42	33	26	21
额定转速 Rated speed r/min	246	213	178	139	114	74	62	52	44	33	26	21	17
额定转矩 Rated torque N.m	4.7	5.5	6.6	8.4	10	14	17	20	24	32	40	45	45
最大瞬间允许负载 Max. permissible load in a short time N.m	36	36	36	36	36	72	72	72	72	72	72	90	90