



200~750W ☐ 86mm

直流无刷减速电机 BLDC GEAR MOTOR

■ 低压无刷电机性能参数 Low Voltage Motor Parameters

型号 Model	额定功率 Rated power W	电压 Voltage V	额定电流 Rated current A	启动转矩 Starting torque N.m	额定力矩 Rated torque N.m	额定转速 Rated speed N.m	防护等级 Grade protection IP
M55BLD200-24GU-30S	200	24	13	1.28	0.637	3000	20
M55BLD200-48GU-30S	200	48	5.2	1.28	0.637	3000	20
M55BLD300-24GU-30S	300	24	18	1.91	0.955	3000	20
M55BLD300-48GU-30S	300	48	9	1.91	0.955	3000	20
M55BLD400-24GU-30S	400	24	24	2.54	1.27	3000	20
M55BLD400-48GU-30S	400	48	12	2.54	1.27	3000	20
M55BLD500-24GU-30S	500	24	32	3.18	1.59	3000	20
M55BLD500-48GU-30S	500	48	15	3.18	1.59	3000	20
M55BLD600-24GU-30S	600	24	36	3.82	1.91	3000	20
M55BLD600-48GU-30S	600	48	18	3.82	1.91	3000	20
M55BLD750-24GU-30S	750	24	45	4.76	2.38	3000	20
M55BLD750-48GU-30S	750	48	23	4.76	2.38	3000	20

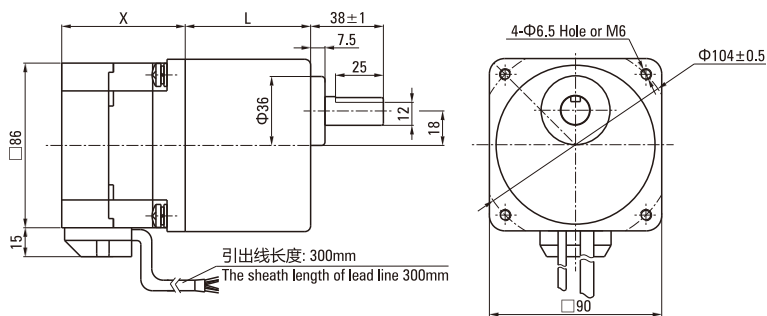
■ 高压无刷电机性能参数 High Voltage Motor Parameters

型号 Model	额定功率 Rated power W	电压 Voltage V	额定电流 Rated current A	启动转矩 Starting torque N.m	额定力矩 Rated torque N.m	额定转速 Rated speed N.m	防护等级 Grade protection IP
M55BLD200-220GU-30S	200	220	2	1.28	0.637	3000	20
M55BLD300-220GU-30S	300	220	2	1.91	0.955	3000	20
M55BLD400-220GU-30S	400	220	2.6	2.54	1.27	3000	20
M55BLD500-220GU-30S	500	220	3.5	3.18	1.59	3000	20
M55BLD600-220GU-30S	600	220	4	3.82	1.91	3000	20
M55BLD750-220GU-30S	750	220	5	4.76	2.38	3000	20

● 平行轴减速机 Parallel Shaft Speed Reducer

M55BLD200-☐GUL-30S/5GU☐LC ☒—电压 Voltage 24/48/220

☐—速比数值 Velocity Ratio Value



● 电机功率段 Motor Power Band

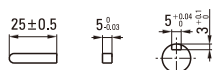
额定功率 (W) Rated Power	额定转速 (RPM) Rated Speed	长度X (mm) Extent
200	3000	64.5
300	3000	74.5
400	3000	84.5
500	3000	94.5
600	3000	105.5
750	3000	130.0

减速器型号 Gearhead Model	减速比 Gear Ratio	L尺寸 Dimension
5GU ☐ KB	3~200	65.5

● 减速器型号的☐中为减速比的数值

Enter the gear ratio in the box (☐) within the model name

● 键·键槽 Key · Keyway



● 整机容许力矩 (单位: N.m) Machine Allowable Torque (Unit: N.m)

型号 Model	电机轴转速 Motor Speed	减速比 Reduction Ratio																					
			3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200
M55BLD200-□GU	3000RPM		1.55	1.86	2.58	3.10	3.87	4.65	6.45	7.74	9.30	11.6	13.92	16.71	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
M55BLD200-□GU	3000RPM		2.32	2.78	3.87	4.64	5.80	6.96	9.67	11.6	13.92	17.42	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
M55BLD200-□GU	3000RPM		3.10	3.72	5.16	6.20	7.75	9.30	12.9	15.5	18.6	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
M55BLD200-□GU	3000RPM		3.87	4.64	6.45	7.74	9.68	11.61	16.12	19.35	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
M55BLD200-□GU	3000RPM		4.64	5.58	7.74	9.28	11.6	13.92	19.35	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
M55BLD200-□GU	3000RPM		5.80	6.96	9.67	11.6	14.5	17.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0

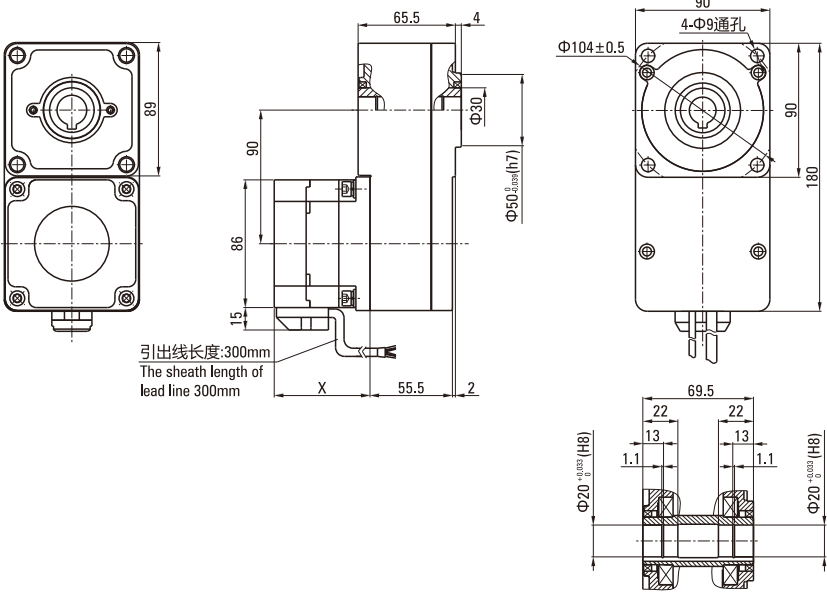
注Note: 表格中的 □ (灰底部分) 表示旋转方向与电机转向一致。The □ (gray) in the table indicates that the rotation direction is consistent with the motor.

● L型减速机 L Type Speed Reducer

M55BLD200-□GUL-30S/5GU□LC

□—电压 Voltage 24/48/220

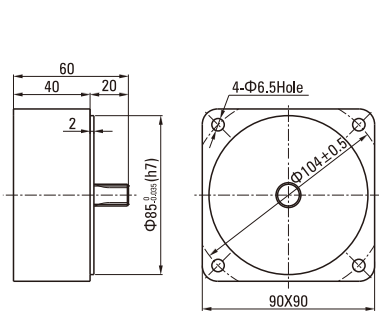
□—速比数值 Velocity Ratio Value



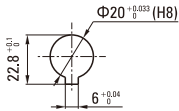
● 中间减速器 Decimal Gearhead

5GU□XK

□—速比数值, 一般为10 Velocity Ratio Value, Generally 10



● 输出轴内孔结构 The Output Shaft Hole Structure



● 整机容许力矩 (单位: N.m) Machine Allowable Torque (Unit: N.m)

型号 Model	电机轴转速 Motor Speed	减速比 Reduction Ratio								
			5	10	15	20	30	50	100	200
M55BLD200-□GUL	3000RPM		2.58	5.16	7.74	10.32	15.48	25.8	51.6	68.0
M55BLD200-□GUL	3000RPM		3.87	7.74	11.6	15.48	23.22	38.7	68.0	68.0
M55BLD200-□GUL	3000RPM		5.16	10.32	15.5	20.64	30.96	51.6	68.0	68.0
M55BLD200-□GUL	3000RPM		6.45	12.9	19.35	25.8	38.7	64.5	68.0	68.0
M55BLD200-□GUL	3000RPM		7.74	15.48	23.2	30.96	46.44	68.0	68.0	68.0
M55BLD200-□GUL	3000RPM		9.67	19.34	29.0	38.68	58.02	68.0	68.0	68.0