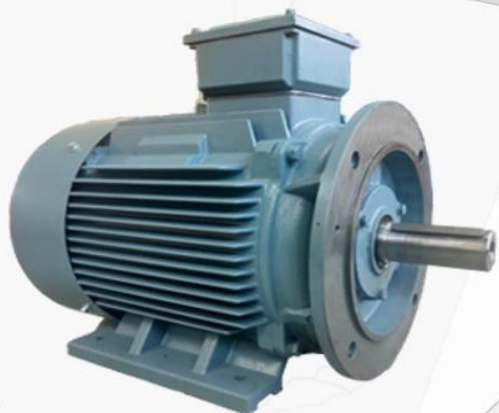




永磁辅助同步磁阻电动机

南京瑞能腾世动力科技有限公司

优异性能

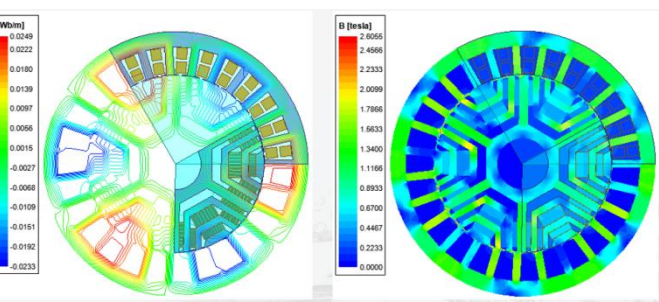
- 可达 **1** 级能效
- 不易失磁
- 全范围高效率
- **0** 到额定转速的恒扭矩区
- 比永磁同步电动机更低的

秋季版

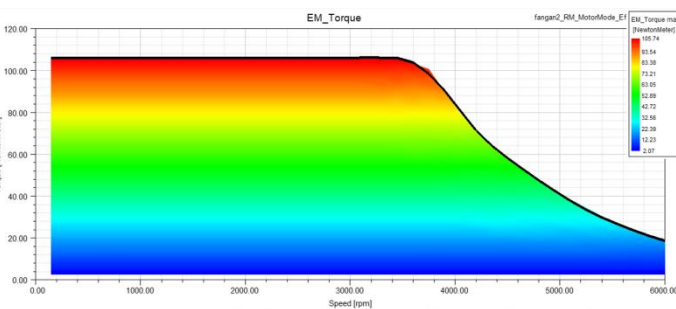
2022 年

机型	永磁辅助同步磁阻电动机	能效等级	一级能效/二级能效
电压等级	AC380V	振动等级	R
绝缘等级	F	防护等级	IP55/IP23
冷却方式	IC411/IC416	安装方式	B3/B5/B35
速度传感器	无传感器/增量式编码器	接线方式	Y
使用环境	海拔<1000m, 温度-15℃—40℃, 湿度<80%		

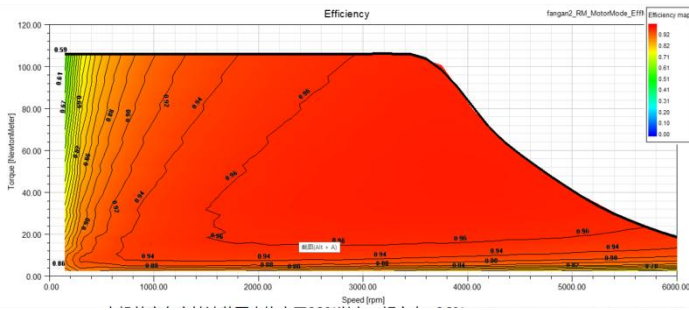
采用失磁温度超过 250℃的铁氧体励磁，保证电机可靠性的同时，与永磁同步对比降低了生产成本。



从 0 转到额定转速的恒转矩区间，
低至 5Hz 也可以平稳运行。



使用变频器驱动，通用性更强。



全工作范围的高效率，变速变载能
更好的体现电机的节能优势。

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
3000r/min 380V 一级能效							
5.5	U112-55A30	3000	10.9	94	0.9	150	17.5
7.5	U112-75A30	3000	14.7	94.5	0.9	150	23.9
11	U132-11B30	3000	21.2	95	0.91	150	35.0
15	U132-15B30	3000	28.6	95.3	0.92	150	47.8
18.5	U132-18B30	3000	35.1	95.6	0.92	150	58.9
22	U160-22B30	3000	41.6	95.9	0.92	150	70.0
30	U160-30B30	3000	56.7	96.1	0.92	150	95.5
37	U160-37B30	3000	69.7	96.3	0.92	150	117.8
45	U180-45B30	3000	83.8	96.4	0.93	150	143.3
55	U200-55B30	3000	102.3	96.5	0.93	150	175.1
75	U225-75B30	3000	137.9	96.6	0.94	150	238.8
90	U225-90B30	3000	165.3	96.7	0.94	150	286.5
110	U250-11C30	3000	201.8	96.8	0.94	150	350.2
132	U280-13C30	3000	239.4	96.9	0.95	150	420.2
160	U280-13C30	3000	289.9	97	0.95	150	509.3
200	U315-20C30	3000	361.6	97.2	0.95	150	636.7

第 4 页

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
1500r/min 380V 一级能效							
5.5	U132-55A15	1500	11.2	92.1	0.88	75	35.0
7.5	U132-75A15	1500	15.0	92.6	0.9	75	47.8
11	U160-11B15	1500	21.8	93.6	0.9	75	70.0
15	U160-15B15	1500	29.3	94	0.91	75	95.5
18.5	U180-18B15	1500	35.6	94.3	0.92	75	117.8
22	U180-22B15	1500	42.2	94.7	0.92	75	140.1
30	U200-30B15	1500	57.3	95	0.92	75	191.0
37	U225-37B15	1500	70.5	95.3	0.92	75	235.6
45	U225-45B15	1500	84.5	95.6	0.93	75	286.5
55	U225-55B15	1500	103.1	95.8	0.93	75	350.2
75	U250-75B15	1500	138.8	96	0.94	75	477.5
90	U280-90B15	1500	166.2	97	0.94	75	573.0
110	U315-11C15	1500	201.4	97.1	0.94	75	700.3
132	U315-13C15	1500	238.9	96.5	0.95	75	840.4
160	U315-16C15	1500	289.3	97.2	0.95	75	1018.7
200	U315-20C15	1500	360.9	97.4	0.95	75	1273.3

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电 流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
1000r/min 380V 一级能效							
5.5	U132-55A10	1000	11.2	93.4	0.89	50	52
7.5	U160-75A10	1000	14.8	94	0.9	50	71.6
11	U160-11B10	1000	21.6	94.5	0.9	50	105
15	U180-15B10	1000	29.0	94.9	0.91	50	143.2
18.5	U200-18B10	1000	35.2	95.3	0.92	50	176.7
22	U200-22B10	1000	41.8	95.6	0.92	50	210.1
30	U225-30B10	1000	56.8	95.8	0.92	50	286.5
37	U250-37B10	1000	69.9	96	0.92	50	353.3
45	U280-45B10	1000	84.9	96.2	0.92	50	429.7
55	U280-55B10	1000	103.6	96.3	0.92	50	525.2
75	U315-75B10	1000	139.7	96.4	0.93	50	716.2
90	U315-90B10	1000	167.4	96.5	0.93	50	859.4
110	U315-11C10	1000	204.4	96.6	0.93	50	1050.4
132	U315-13C10	1000	242.2	96.8	0.94	50	1260.5
160	U355-16C10	1000	293.3	96.9	0.94	50	1528
200	U355-20C10	1000	366.2	97	0.94	50	1910

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
750r/min 380V 一级能效							
5.5	U160-55A08	750	11.8	88.4	0.88	37.5	70.0
7.5	U160-75A08	750	15.8	88.9	0.89	37.5	95.5
11	U180-11B08	750	22.7	90.9	0.89	37.5	140.1
15	U200-15B08	750	30.4	91.6	0.9	37.5	191.0
18.5	U225-18B08	750	36.6	92.7	0.91	37.5	235.6
22	U225-22B08	750	43.3	93.3	0.91	37.5	280.1
30	U250-30B08	750	58.8	93.6	0.91	37.5	382.0
37	U280-37B08	750	72.3	93.9	0.91	37.5	471.1
45	U280-45B08	750	86.7	94.2	0.92	37.5	573.0
55	U315-55B08	750	105.6	94.5	0.92	37.5	700.3
75	U315-75B08	750	142.2	94.7	0.93	37.5	955.0
90	U315-90B08	750	170.6	94.7	0.93	37.5	1146.0
110	U315-11C08	750	206.4	95.7	0.93	37.5	1400.7
132	U355-13C08	750	244.5	95.9	0.94	37.5	1680.8
160	U355-16C08	750	295.7	96.1	0.94	37.5	2037.3
200	U355-20C08	750	368.9	96.3	0.94	37.5	2546.7

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
3000r/min 380V 二级能效							
5.5	U112-55A30	3000	11.5	90.9	0.87	150	17.5
7.5	U112-75A30	3000	15.5	91.7	0.87	150	23.9
11	U132-11B30	3000	22.0	92.6	0.89	150	35.0
15	U132-15B30	3000	29.2	93.3	0.91	150	47.8
18.5	U132-18B30	3000	35.8	93.7	0.91	150	58.9
22	U160-22B30	3000	42.5	94	0.91	150	70.0
30	U160-30B30	3000	57.6	94.5	0.91	150	95.5
37	U160-37B30	3000	70.8	94.8	0.91	150	117.8
45	U180-45B30	3000	85.0	95	0.92	150	143.3
55	U200-55B30	3000	103.6	95.3	0.92	150	175.1
75	U225-75B30	3000	139.3	95.6	0.93	150	238.8
90	U225-90B30	3000	166.8	95.8	0.93	150	286.5
110	U250-11C30	3000	203.5	96	0.93	150	350.2
132	U280-13C30	3000	241.1	96.2	0.94	150	420.2
160	U280-13C30	3000	291.9	96.3	0.94	150	509.3
200	U315-20C30	3000	364.1	96.5	0.94	150	636.7

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
1500r/min 380V 二级能效							
5.5	U132-55A15	1500	11.8	91.9	0.87	75	35.0
7.5	U132-75A15	1500	15.4	92.6	0.87	75	47.8
11	U160-11B15	1500	22.4	93.3	0.87	75	70.0
15	U160-15B15	1500	29.6	93.9	0.89	75	95.5
18.5	U180-18B15	1500	35.6	94.2	0.91	75	117.8
22	U180-22B15	1500	42.2	94.5	0.91	75	140.1
30	U200-30B15	1500	57.4	94.9	0.91	75	191.0
37	U225-37B15	1500	70.5	95.2	0.91	75	235.6
45	U225-45B15	1500	84.7	95.4	0.92	75	286.5
55	U225-55B15	1500	103.2	95.7	0.92	75	350.2
75	U250-75B15	1500	138.7	96	0.93	75	477.5
90	U280-90B15	1500	166.3	96.1	0.93	75	573.0
110	U315-11C15	1500	202.8	96.3	0.93	75	700.3
132	U315-13C15	1500	240.6	96.4	0.94	75	840.4
160	U315-16C15	1500	291.0	96.6	0.94	75	1018.7
200	U315-20C15	1500	363.4	96.7	0.94	75	1273.3

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
1000r/min 380V 二级能效							
5.5	U132-55A10	1000	12.1	90.5	0.83	50	52
7.5	U160-75A10	1000	15.8	91.3	0.86	50	71.6
11	U160-11B10	1000	22.9	92.3	0.86	50	105
15	U180-15B10	1000	30.3	92.9	0.88	50	143.2
18.5	U200-18B10	1000	36.3	93.4	0.9	50	176.7
22	U200-22B10	1000	43.1	93.7	0.9	50	210.1
30	U225-30B10	1000	58.4	94.2	0.9	50	286.5
37	U250-37B10	1000	71.8	94.5	0.9	50	353.3
45	U280-45B10	1000	86.1	94.8	0.91	50	429.7
55	U280-55B10	1000	105.0	95.1	0.91	50	525.2
75	U315-75B10	1000	141.1	95.4	0.92	50	716.2
90	U315-90B10	1000	169.0	95.6	0.92	50	859.4
110	U315-11C10	1000	206.1	95.8	0.92	50	1050.4
132	U315-13C10	1000	244.2	96	0.93	50	1260.5
160	U355-16C10	1000	295.3	96.2	0.93	50	1528
200	U355-20C10	1000	368.8	96.3	0.93	50	1910

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
750r/min 380V 二级能效							
5.5	U160-55A08	750	12.2	88.3	0.84	37.5	70.0
7.5	U160-75A08	750	16.3	89.3	0.85	37.5	95.5
11	U180-11B08	750	23.6	90.4	0.85	37.5	140.1
15	U200-15B08	750	31.2	91.2	0.87	37.5	191.0
18.5	U225-18B08	750	37.4	91.7	0.89	37.5	235.6
22	U225-22B08	750	44.3	92.1	0.89	37.5	280.1
30	U250-30B08	750	60.1	92.7	0.89	37.5	382.0
37	U280-37B08	750	73.7	93.1	0.89	37.5	471.1
45	U280-45B08	750	88.4	93.4	0.9	37.5	573.0
55	U315-55B08	750	107.7	93.7	0.9	37.5	700.3
75	U315-75B08	750	144.5	94.2	0.91	37.5	955.0
90	U315-90B08	750	173.0	94.4	0.91	37.5	1146.0
110	U315-11C08	750	210.8	94.7	0.91	37.5	1400.7
132	U355-13C08	750	249.7	94.9	0.92	37.5	1680.8
160	U355-16C08	750	302.0	95.1	0.92	37.5	2037.3
200	U355-20C08	750	376.3	95.4	0.92	37.5	2546.7

额定功率 Rated Power	型号 Model	额定转速 Nominal Speed	额定电流 Rated Current	效率 Efficient	功率因数 Power Factor	额定频率 Rated Frequency	额定扭矩 Rated Toque
KW		RPM	A	%	COSΦ	Hz	N
3000r/min 380V 二级能效 一体机							
7.5	C112-75A30	3000	15.5	91.7	0.87	150	23.9
11	C132-11B30	3000	22.0	92.6	0.89	150	35.0
15	C132-15B30	3000	29.2	93.3	0.91	150	47.8
18.5	C160-18B30	3000	35.8	93.7	0.91	150	58.9
22	C160-22B30	3000	42.5	94	0.91	150	70.0
30	C180-30B30	3000	57.6	94.5	0.91	150	95.5
37	C180-37B30	3000	70.8	94.8	0.91	150	117.8

南京瑞能腾世动力科技有限公司

南京市江宁区中科路 6 号 4 号楼 1 楼

邮编：211102



www.reluctance-motor.com

