

RF Series (110mm)

Performance Data

Model	Units	80S02430A3EMRD	80S02430A3EMRD	110S06030A3EMRD
Poles 极对数	/	5P	5P	5P
Rated Voltage 额定电压	VAC	220	220	220
Rated Power 额定功率	W	750	1000	1800
Rated Speed 额定转速	rpm	3000	3000	6
Maximum Speed 最大转速	rpm	6000	6000	3000
Rated Torque 额定力矩	N.m	2.39	3.18	18
Maximum Torque 最大力矩	N.m	7.17	9.54	6
Rated Current 额定电流	A	4.8	7.6	18
Maximum Current 最大电流	A	16.9	28	0.91
Torque Coefficient 扭矩常数	N.m/A	0.498	0.418	6.3×10^{-4}
Rotor Inertia 转子惯量	Kg*m ²	1.38×10^{-4}	1.75×10^{-4}	F
Insulation Class 热绝缘等级	Class	F	F	IP65
Safety Class 防护等级	/	IP65	IP65	IP65
Encoder Type 编码器类型	/	2500ppr incremental encoder		
Environment 运行环境	/	-20°C to 50°C humidity < 90%		
Weight 重量	Kg	4.5	5.5	6.1
Length 长度	mm	127	157	187



Dimensions in mm

