

	电机型号	Motor model			SR358512G	SR358515G	SR358524G	SR358530G	SR358548G
1	额定电压	Nominal voltage	V	V	12	15	24	30	48
2	空载转速	No load speed	rpm	Wnl	7200	7270	8000	7270	8100
3	空载电流	No load current	mA	Inl	330	220	190	124	59
4	额定转速	Nominal speed	rpm	Wc	6550	6580	7200	6490	7000
5	额定转矩	Nominal torque	mNm	Tc	89.4	97	119	97.2	97
6	额定电流	Nominal current	A	Ic	5.6	4.9	4.17	2.62	1.7
7	输出功率	Output power	W	Pc	61	66	90	66	72
8	堵转扭矩	Stall torque	mNm	Tmax	950	981	1200	973	777
9	堵转电流	Stall current	A	I _{max}	60	50	42	25	13.8
10	最大效率	Max. efficiency	%	$\eta_{\max}$	87	90	90	85	85
11	线间电阻	Terminal resistance	Ω	R _t	0.2	0.3	0.57	1.2	3.48
12	力矩系数	Torque constant	mNm / A	K _t	15.8	19.62	28.5	38.9	56.3
13	速度常数	Speed constant	rpm / V	K _n	602	486	335	246	169
14	速度扭矩比	Speed torque gradient	rpm / mNm	$\Delta n / \Delta T$	7.24	7.1	6.36	7.57	10
15	线间电感	Terminal inductance	mH	L	0.05	0.08	0.24	0.35	0.95
16	转子转动惯量	Rotor inertia	gcm ²	J	68.2	68.2	79.4	68.2	68.2