Leistungsdaten SAC Servomotoren

Zwischenkreisspannung 300VDC

Motor Typ	Nenn- drehzahl	Stillstands- moment	strom	Nenn- moment	strom	leistung	Maximal- moment	strom	Dreh- moment konstante	Trägheits- moment	Wicklungs- widerstand	induktivität	Pol- zahl
	Min^{-1}	Nm	A	Nm	A	kW	Nm	A	Nm/A	$kgm^2 10^{-3}$	Ohm	mH	
SAC 55 M 30	3000	0.45	0.67	0.4	0.6	0.13	1.52	2.3	0.67	0.012	25	9.2	4
SAC 70 S 45	4500	1.0	2.2	0.9	1.95	0.42	3.5	7.6	0.46	0.033	3.85	9.2	6
SAC 70 M 45	4500	1.9	3.7	1.5	3	0.71	4.8	9.6	0.50	0.059	1.375	3.23	6
SAC 70 L 45	4500	2.6	4.7	2.2	4	1.04	6.1	11.1	0.55	0.086	0.788	1.8	6
SAC 90 S 25	2500	2.1	2.7	2	2.6	0.52	8.5	11.1	0.77	0.14	2.9	4.5	6
SAC 90 M 30	3000	3.3	5	2.9	4.4	0.91	15.0	22.8	0.66	0.247	2.4	5.95	6
SAC 90 S 50	5000	2.1	4.6	1.8	3.9	0.94	8.5	18.4	0.46	0.14	0.899	1.42	6
SAC 90 L 20	2000	5.2	4.4	5	4.2	1.05	25.0	21.0	1.19	0.355	1.2	2.88	6
SAC 90 L 30	3000	5.2	7.5	4.3	6.2	1.35	25.0	36.0	0.69	0.355	0.55	1.28	6
SAC 118 S 20	2000	7.5	7.6	5.9	6.0	1.24	22.0	22.4	0.98	0.833	0.45	1.98	6
SAC 118 S 30	3000	7.5	8.7	5.1	5.9	1.60	22.0	25.5	0.86	0.833	0.3	1.3	6
SAC 118 M 20	2000	12.1	12.5	9	9.3	1.88	28.0	28.9	0.97	1.182	0.4	2	6
SAC 118 M30	3000	12.1	16.8	7.9	11	2.48	28.0	39.0	0.72	1.182	0.2	1	6
SAC 118 L 30	3000	16.0	20	10	12.5	3.14	44.0	55.0	0.80	1.529	0.12	0.66	6
SAC 118 L 45	4500	16.0	37.8	7	16.5	3.30	44.0	103.7	0.42	1.529	0.061	0.37	6

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