

直流电动机技术数据表

型号 Type	额定功率 Rated Output	额定转速 Rated Speed	弱磁转速 Speed With Field Weakened	电枢电流 Arm. Curr.	励磁功率 Field Power	电枢回路电阻 Arm. Circuit Resistance	电枢回路电感 Arm. Circuit Resistance	磁场电感 Field Inductance	外接电感 Soothing Induct.	效率 Eff.	惯量矩 Moment Of Inertia GD <sup>2</sup>	重量 Wt.				
	P <sub>N</sub>	160V 400V 440V	nf	I <sub>N</sub>	P <sub>F</sub>	R	L <sub>A</sub>	L <sub>F</sub>	L <sub>R</sub>							
	KW	R/min	R/min	A	W	Ω (20°C)	mH	H	mH				%	Kg.m <sup>2</sup>	kg	
Z4-100-1	2.2	1490	3000	17.9	315	1.19	11.2	22	15	67.8	0.044	72				
	1.5	955	2000	13.3		2.17	21.4	13	15	58.5						
	4	2630	4000	12		2.82	26	18		78.9						
	4	2960	4000	10.7						80.1						
	2	1310	3000	6.6		9.12	86	18		68.4						
	2.2	1480	3000	6.5						70.6						
	1.4	860	2000	5.1						16.76			163	18		60.3
	1.5	990	2000	4.77												63.2
Z4-112/2-1	3	1540	3000	24	320	0.785	7.1	14	20	69.1	0.072	100				
	2.2	975	2000	19.6		1.498	14.1	13	20	62.1						
	5.5	2630	4000	16.4		1.933	17.9	17		79.9						
	5.5	2940	4000	14.7						81.1						
	2.8	1340	3000	9.1		6	59	17		71.2						
	3	1500	3000	8.6						72.8						
	1.9	855	2000	6.9						11.67			110	13		61.1
	2.2	965	2000	7.1		63.5										
Z4-112/2-2	4	1450	3000	31.3	350	0.576	6.2	14	12	72.6	0.088	107				
	3	1070	2000	24.8		0.934	10.3	14	10	66.8						
	7	2660	4000	20.4		1.305	14	19		82.4						

	7.5	2980	4000	19.7						83.5		
	3.7	1320	3000	11.7						74.1		
	4	1500	3000	11.2		4.24	48.5	19		76		
	2.6	895	2000	9						65.1		
	3	1010	2000	9.1		7.62	83	14		67.3		
Z4-112/4-1	5.5	1520	3000	42.5	500	0.38	3.85	6.8	6.5	73	0.128	106
	4	990	2000	33.7		0.741	7.7	6.7	4.5	64.9		
	10	2680	3500	29		0.89	9	6.8		82.7		
	11	2950	3500	28.8						83.3		
	5	1340	1800	15.7		3.01	30.5	6.8		74.3		
	5.5	1480	1800	15.4						75.7		
	3.7	855	1100	13		5.78	60	6.7		65.2		
	4	980	1100	12.2						68.7		
Z4-112/4-1	5.5	1090	2000	43.5	570	0.441	5.1	7.8	6	69.5	0.156	114
	13	2740	3600	37		0.574	6.4	5.8		84.4		
	15	3035	3600	38.6						85.4		
	6.7	1330	1800	20.6		2.12	24.1	7.8		76.8		
	7.5	1480	1800	20.6						78.4		
	5	955	1200	16.1		3.46	40.5	5.8		71.1		
	5.5	1025	1200	15.7						71.9		

表 2 (续)

Table2(Continued)

型号 Type	额定 功率 Rated Output	额定转速 Rated Speed	弱磁转速 Speed With Field Weakened	电枢 电流 Arm. Curr.	励磁 功率 Field Power	电枢回路 电阻 Arm. Circuit Resistance	电枢回路 电感 Arm.Circuit Resistance	磁场电感 Field Inductance	效率 Eff.	惯量矩 Moment Of Inertia GD <sup>2</sup>	重量 Wt.
	P <sub>N</sub>	160V 400V 440V	nf	I <sub>N</sub>	P <sub>F</sub>	R	L <sub>A</sub>	L <sub>F</sub>			
	KW	R/min	R/min	A	W	Ω (20°C)	mH	H			
Z4-132-1	18.5	2610	4000	52.2	650	0.368	5.3	6.5	85	0.32	140
	18.5	2850	4000	47.1					85.9		
	10	1330	2100	30.1		1.309	18.9	8.9	79.4		
	11	1480	2200	29.6		2.56	37.5	6.3	80.9		
	7	865	1600	22.7					71.9		
	7.5	975	1600	21.4					74.5		
Z4-132-2	20	2800	3600	55.4	730				0.226	3.65	10
	22	3090	3600	55.3		88.3					
	15	1360	2500	44.5		0.811	13.5	7.7	81.2		
	15	1510	2500	39.5		1.565	26	6	83.4		
	10	905	1400	31.1					75.6		
	11	995	1400	30.5					77.7		
Z4-132-3	27	2720	3600	74.5	800				0.1905	3.4	21
	30	3000	3600	75		88.6					
	18.5	1390	2100	53.2		0.531	9.8	6.6	83.6		
	18.5	1540	2200	47.6		0.976	19.4	6.5	84.7		
	13.5	945	1600	40.5					79.4		
	15	1050	1600	40.5					80.5		

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/588131115140006063>