

B AC Motors

S.C. Induction Motor 6W (□70mm)

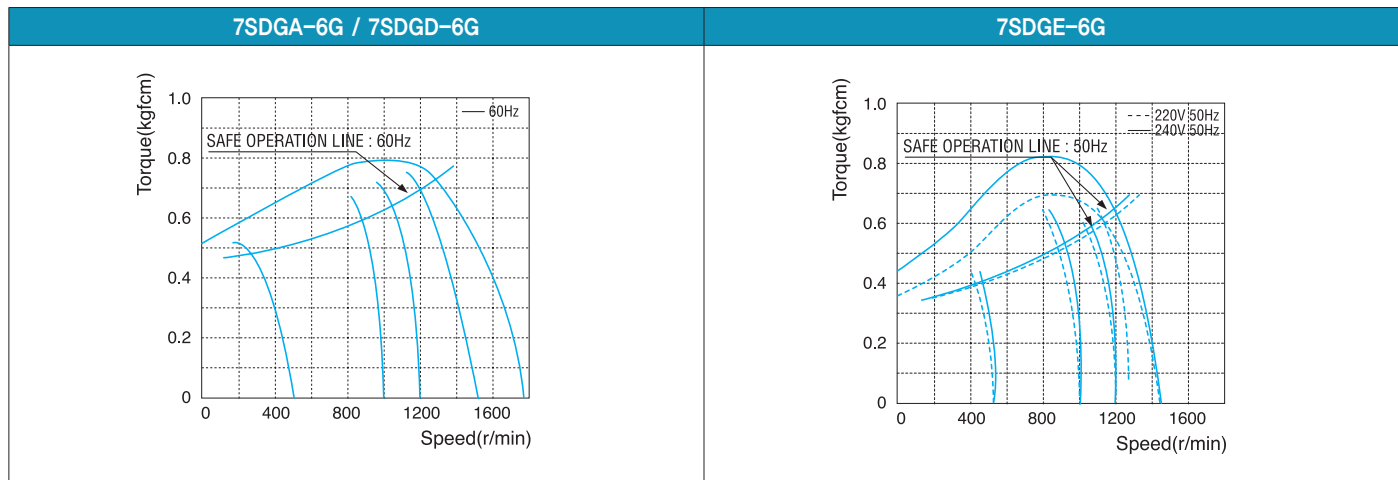
6W Speed Control Induction Motor 6W(□70mm)

Motor Specification

Model 7SDG□-6G: Gear Type Shaft 7SDD□-6: D-Cut Type Shaft	Output W	Voltage V	Frequency Hz	Poles	Duty	Speed Range r/min	Starting Torque		Permissible Torque				Capacitor μF / VAC
							kgfcm	N.m	1200r/min		90r/min		
Lead Wire Type									kgfcm	N.m	kgfcm	N.m	
7SDGA-6G	6	1∅ 110	60	4	Cont.	90-1700	0.50	0.050	0.58	0.058	0.43	0.043	2.5 / 250
7SDGD-6G	6	1∅ 220	60	4	Cont.	90-1700	0.51	0.051	0.56	0.056	0.42	0.042	0.7 / 450
7SDGE-6G	6	1∅ 220	50	4	Cont.	90-1400	0.35	0.035	0.35	0.035	0.22	0.022	0.7 / 450
		0.42					0.042	0.45	0.045	0.22	0.022		

- 1) Enter the phase & voltage code in the in the box (□) within the motor model name.
- 2) All models contain a built-in thermal protector.
- 3) Gear Type Shaft are for attaching Gearbox and D-Cut Type Shaft are for using motor only.

Speed-Torque Characteristics



Max. Permissible Torque at Output Shaft of Gearbox

Motor Model	Gearbox Model	r/min	V	Hz	Gear Ratio	3	3.6	6	7.5	9	12.5	15	18	25	30
7SDG□-6G	7GBK□BMH	1200	110	60	kgfcm	1.4	1.7	2.9	3.6	4.3	6.0	7.2	8.7	10.9	13.1
				N.m	0.14	0.17	0.28	0.35	0.42	0.59	0.71	0.85	1.07	1.28	
			220	60	kgfcm	1.4	1.7	2.8	3.5	4.2	5.8	7.0	8.4	10.5	12.6
			N.m	0.14	0.16	0.27	0.34	0.41	0.57	0.68	0.82	1.03	1.23		
			220/240	50	kgfcm	1.1	1.3	2.2	2.8	3.4	4.7	5.6	6.7	8.4	10.1
			N.m	0.11	0.13	0.22	0.27	0.33	0.46	0.55	0.66	0.83	0.99		
90	110	60	kgfcm	1.1	1.3	2.1	2.7	3.2	4.5	5.4	6.4	8.1	9.7		
			N.m	0.10	0.13	0.21	0.26	0.31	0.44	0.52	0.63	0.79	0.95		
		220	60	kgfcm	1.0	1.3	2.1	2.6	3.1	4.4	5.2	6.3	7.9	9.5	
	N.m	0.10	0.12	0.20	0.26	0.31	0.43	0.51	0.61	0.77	0.93				
	220/240	50	kgfcm	0.5	0.7	1.1	1.4	1.6	2.3	2.7	3.3	4.1	5.0		
	N.m	0.05	0.06	0.11	0.13	0.16	0.22	0.27	0.32	0.40	0.49				

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Motor Images

