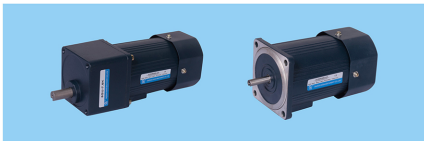


MICRO AC GEAR MOTOR SERIES

40W □ 90×90mm



Motor Technical Parameters

			Power W	Voltage V	Frequency Hz	Current A	Starting torque mN.m	Rated Torque mN.m	Rated Speed r/min	Rated Time min	Capacitor μF/AC
	motor with shaft	motor with gear shaft									
Induction motor	SIK40A-A	SIK40GN-A	40	1PH110	50	0.72	235	295	1300	Continuous	10/250
					60	0.64	180	250	1500		
	SIK40A-C	SIK40GN-C	40	1PH020	50	0.43	235	295	1300	Continuous	2.5/450
					60	0.39	180	250	1500		
SIK40A-S	SIK40GN-S	40	3PH020	50	0.38	650	290	1300	Continuous		
				60	0.35	540	250	1500			
SIK40A-U	SIK40GN-U	40	3PH080	50	0.22	650	295	1300	Continuous		
				60	0.19	300	250	1500			
Synchronous motor	SIK40A-A	SIK40GN-A	40	1PH110	50	0.79	250	290	1300	30	12/250
					60	0.71	300	250	1500		
	SIK40A-C	SIK40GN-C	40	1PH020	50	0.40	250	295	1300	30	3.0/450
Double motor	SIK40A-AM	SIK40GN-AM	40	1PH110	50	0.79	300	295	1300	30	12/250
					60	0.71	250	250	1500		
	SIK40A-CM	SIK40GN-CM	40	1PH020	50	0.40	300	250	1300	30	3.0/450
					60	0.37	250	295	1500		
	SIK40GU-SM	SIK40GN-SM	40	3PH020	50	0.38	650	290	1300	30	
					60	0.35	540	250	1500		
	SIK40GU-UM	SIK40GN-UM	40	3PH080	50	0.22	650	290	1300	30	
					60	0.19	540	250	1500		

			Power W	Voltage V	Frequency Hz	Starting torque mN.m	Speed Control Range r/min	Rated Torque mN.m		Rated Time min	Capacitor μF/AC
	motor with shaft	motor with gear shaft						1200r/min	90r/min		
Inverter speed	SIK40RA-A	SIK40RGU-A	40	1PH110	50	235	90-1400	300	80	Continuous	10/250
					60	180	90-1600	350	80		
	SIK40RA-C	SIK40RGU-C	40	1PH020	50	235	90-1400	350	80	Continuous	2.5/450
					60	180	90-1600	350	80	Continuous	

Allowable load for the gear motor

reduction ratio	reduction ratio																							
	3	5	7.5	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	250	300	
50Hz	max	500	300	200	150	120	100	83	75	60	50	41.8	37.5	30	25	20	16.6	15	12.5	10	8.3	7.5	6	5
	95%	0.75	1.26	1.87	2.5	3.1	3.8	4.7	5.0	6.2	7.3	7.8	8.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
60Hz	max	550	330	220	165	132	110	92	83	66	55	48	42	33	28	22	18	16	14	11	9	8	6.6	5.5
	95%	0.67	1.1	1.6	2.1	2.8	3.3	4.0	4.2	5.4	6.5	6.8	7.2	8.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0

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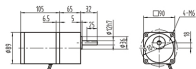
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OUTLINE DIMENSION SHEET

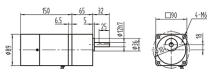
Speed Constant Motors

SIK40GN-□+SGN□□



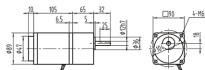
Brake Motors

SIK40GN-□M+SGN□□



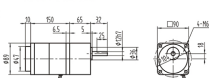
Speed Control Motors

SIK40GN-□R+SGN□□

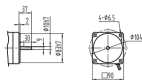


Speed Control & brake Motors

SIK40GN-□MR+SGN□□

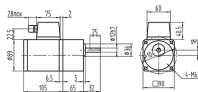


Motors



Terminal Box Type Motors

SIK40GN-□T+SGN□□



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