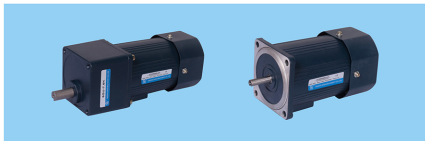


MICRO AC GEAR MOTOR SERIES

25W □ 80×80mm



Motor Technical Parameters

	Motor with round shaft		Power W	Voltage V	Frequency Hz	Current A	Starting torque mN.m	Rated Torque mN.m	Rated Speed r/min	Rated Time min	Gearratio i/FVAC
	motor with round shaft	motor with gear shaft									
Reduction motor	4IK25A-A	4K25GN-A	25	1PH110	50	0.48	150	190	1250	Continuous	6/250
					60	0.44	125	160	1500		
	4IK25A-C	4K25GN-C	25	1PH220	50	0.22	150	190	1250	Continuous	1.5/450
					60	0.20	125	160	1500		
	4IK25A-S	4K25GN-S	25	3PH220	50	0.18	425	190	1250	Continuous	
				60	0.16	380	160	1500			
4IK25A-U	4K25GN-U	25	3PH380	50	0.14	425	190	1250	Continuous		
				60	0.12	380	160	1500			
Reverse motor	4RK25A-A	4RK25GN-A	25	1PH110	50	0.50	170	190	1250	30	8/250
					60	0.47	145	160	1500		
	4RK25A-C	4RK25GN-C	25	1PH220	50	0.24	170	190	1250	30	2.0/450
				60	0.22	145	160	1500			
Drive motor	4IK25A-AM	4K25GN-AM	25	1PH110	50	0.50	170	190	1250	30	8/250
					60	0.47	145	160	1500		
	4IK25A-CM	4K25GN-CM	25	1PH220	50	0.24	170	190	1250	30	2.0/450
					60	0.22	145	160	1500		
	4IK25A-SM	4K25GN-SM	25	3PH220	50	0.18	425	190	1250	30	
				60	0.16	380	160	1500			
4IK25A-UM	4K25GN-UM	25	3PH380	50	0.14	425	190	1250	30		
				60	0.12	380	160	1500			
Variable speed	Motor with round shaft		Power W	Voltage V	Frequency Hz	Starting torque mN.m	Speed Control Range r/min	Rated Torque mN.m		Rated Time min	Gearratio i/FVAC
	motor with round shaft	motor with gear shaft						1250 r/min	3000 r/min		
50Hz	4IK25RA-A	4K25RGN-A	25	1PH110	50	150	90-1400	190	50	Continuous	6/250
					60	125	90-1600	190	50		
60Hz	4IK25RA-C	4K25RGN-C	25	1PH220	50	150	90-1400	190	50	Continuous	1.5/450
					60	125	90-1600	190	50		

Allowable load for the gear motor

reduction ratio	50Hz												60Hz											
	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	min	500	300	200	150	120	100	83	75	60	50	41.6	37.5	30	25	20	16.6	15	12.5	10	8.3	7.5	6	5
	1% slip	0.5	0.8	1.2	1.6	2.0	2.2	2.5	3.2	4.0	4.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
60Hz	min	550	330	220	165	132	110	92	83	66	55	46	42	33	28	22	18	16	14	11	9	8	6.6	5.5
	1% slip	0.4	0.67	1.0	1.3	1.6	1.8	2.1	2.7	3.2	3.9	4.9	5.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

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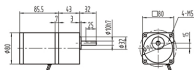
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OUTLINE DIMENSION SHEET

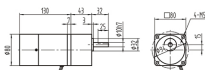
Speed Constant Motors

4K25GN-□+4GN□



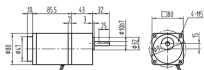
Brake Motors

4K25GN-□M+4GN□



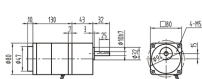
Speed Control Motors

4K25GN-□R+4GN□

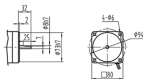


Speed Control & brake Motors

4K25GN-□MR+4GN□

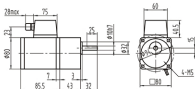


Motors

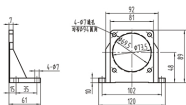


Terminal Box Type Motors

4K25GN-□T+4GN□



80



Key



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