

BRAKE MOTOR

200W 104mm

Specs / Motor

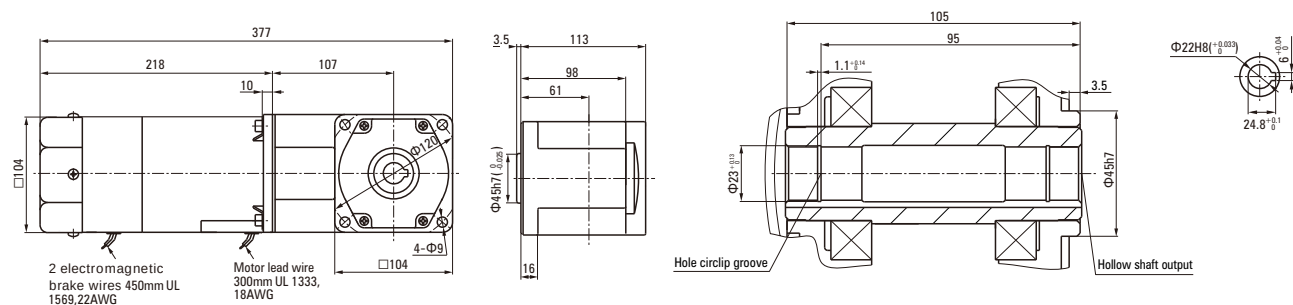
Model • Type Lead Wire Type	Rating	Output power W	Voltage V	Frequency Hz	Current A	Starting Torque mN.m	Rated Torque mN.m	Rated Speed r/min	Capacitor μF
Pinion Shaft									
6RK200GU-AFM	30min	200	1ph 100	50 60	3.20 3.50	900	1385 1120	1250 1550	45
6RK200GU-EFM	30min	200	1ph 110 1ph 120	60	2.75 2.65	850	1120	1550	35
6RK200GU-CFM	30min	200	1ph 220 1ph 230	50	1.40	1100	1385	1250	12
6RK200GU-HFM	30min	200	1ph 220 1ph 230	60	1.40	1000	1120	1550	12
6RK200GU-SFM	30min	200	3ph 220	50 60	1.20 1.00	3400 2700	1385 1120	1250 1550	-
6RK200GU-S3FM	30min	200	3ph 380	50 60	0.69 0.58	3400 2700	1385 1120	1250 1550	-

Allowance Torque Unit: Upside (N.m) / Belowside (kgf.cm)

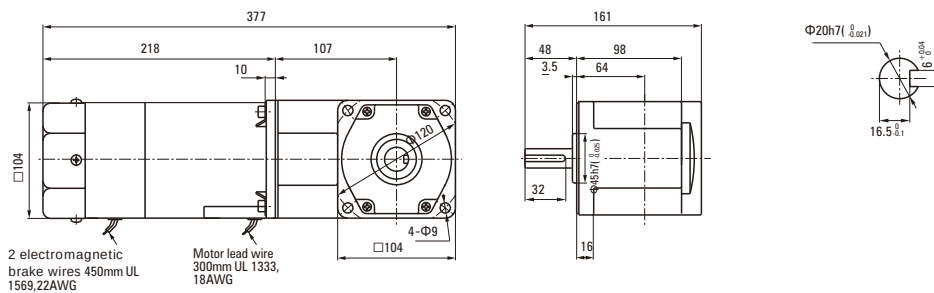
		Gear Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
Type Motor/Gearhead	Speed r/min	50Hz	60Hz	500	417	300	250	200	166	150	120	100	83	75	60	50	42	37	30	25	20	16	15	12	10	8
				600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10
6RK200GU-AF□M	6GU□RC 6GU□RT	Allowance Torque	50Hz	2.51	3.01	4.18	5.01	6.27	8.35	9.28	13.9	15.3	16.7	18.6	25.2	30.3	33.4	37.1	50.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
6RK200GU-EF□M			60Hz	24.6	29.5	40.9	49.1	61.4	81.9	91.0	142	150	164	182	257	309	327	364	515	600	600	600	600	600	600	600
6RK200GU-CF□M			50Hz	2.09	2.51	3.48	4.18	5.80	6.96	7.74	11.2	12.8	13.9	15.5	20.3	24.4	27.9	30.9	40.7	48.8	60.0	60.0	60.0	60.0	60.0	60.0
6RK200GU-HF□M			60Hz	20.5	24.6	34.1	40.9	56.9	68.2	75.8	115	125	136	152	207	249	273	303	415	498	600	600	600	600	600	600
6RK200GU-SF□M																										
6RK200GU-S3F□M																										

Motor Size Chart

6RK200GU-AF□M/6GU□RC	6RK200GU-CF□M/6GU□RC	6RK200GU-SF□M/6GU□RC
6RK200GU-EF□M/6GU□RC	6RK200GU-HF□M/6GU□RC	6RK200GU-S3F□M/6GU□RC



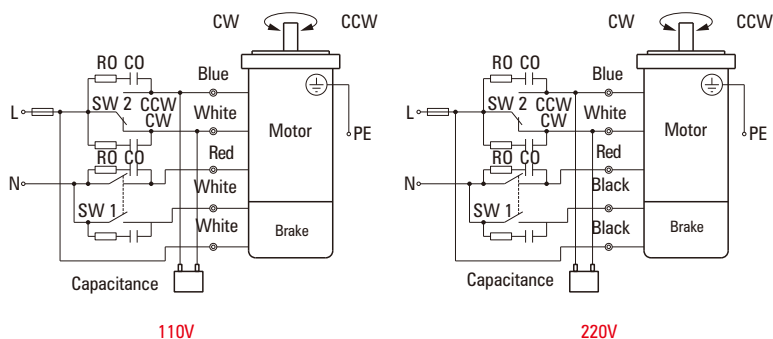
6RK200GU-AF□M/6GU□RT 6RK200GU-CF□M/6GU□RT 6RK200GU-SF□M/6GU□RT
 6RK200GU-EF□M/6GU□RT 6RK200GU-HF□M/6GU□RT 6RK200GU-S3F□M/6GU□RT



Wiring Diagram

Single-phase Motor

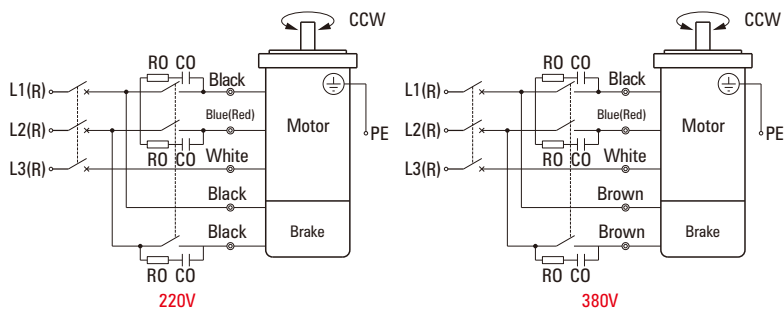
6RK200GU-AFM, 6RK200GU-EFM, 6RK200GU-CFM, 6RK200GU-HFM



Switch No.	Capacitor of Switch Connection Point		Note
	Single-Phase 100V, 110/120V Input	Single-Phase 200V, 220/230V Input	
SW1	AC 125V 8A minimum (Inductive Load)	AC 250V 8A minimum (Inductive Load)	Switched Simultaneously
SW2			-

Three-phase Motor

6RK200GU-SFM(S3FM)



Switch No.	Capacitor of Switch Connection Point	Note
SW1	AC 250V 1.5A minimum (Inductive Load)	Switched Simultaneously