

BRAKE MOTOR

120W 104mm

Specs / Motor

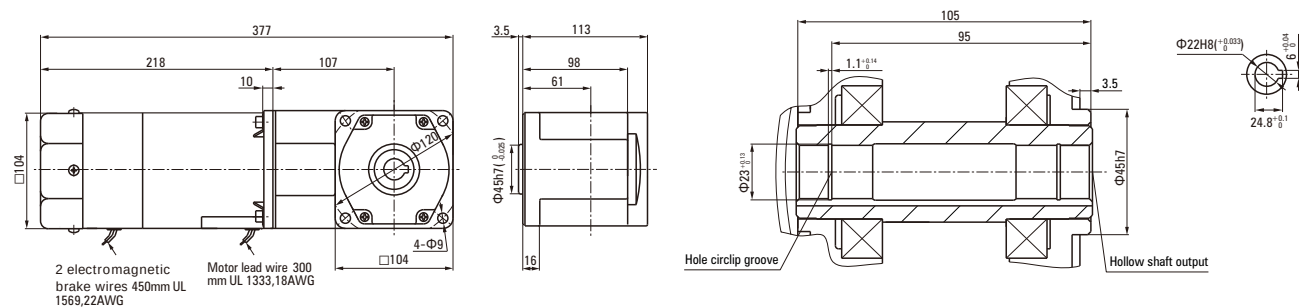
Model • Type Lead Wire Type	Rating	Output power W	Voltage V	Frequency Hz	Current A	Starting Torque mN.m	Rated Torque mN.m	Rated Speed r/min	Capacitor μF
Pinion Shaft									
6RK120GU-AFM	30min	120	1ph 100	50 60	2.10 2.50	600	930 750	1250 1550	35
6RK120GU-EFM	30min	120	1ph 110 1ph 120	60	1.70 1.80	600	750	1550	30
6RK120GU-CFM	30min	120	1ph 220 1ph 230	50	0.95	750	930	1250	8.0
6RK120GU-HFM	30min	120	1ph 220 1ph 230	60	0.95 1.00	700	750	1550	8.0
6RK120GU-SFM	30min	120	3ph 220	50 60	0.75 0.70	2200 2000	890 730	1250 1550	-
6RK120GU-S3FM	30min	120	3ph 380	50 60	0.43 0.40	2200 2000	890 730	1250 1550	-

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

Type Motor/Gearhead		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	
		Speed r/min	50Hz	500	417	300	250	200	166	150	120	100	83	75	60	50	42	37	30	25	20	16	15	12	10	8	
			60Hz	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	
6RK120GU-AF□M	6GU□RC 6GU□RT	Allowance Torque	50Hz	1.50	1.80	2.51	3.01	4.26	5.01	5.57	7.89	9.47	10.0	11.1	15.8	18.9	20.1	22.3	28.4	34.1	42.6	51.1	56.8	60.0	60.0	60.0	
6RK120GU-EF□M				14.7	17.7	24.6	29.5	43.5	49.1	54.6	80.5	96.6	98.3	109	161	193	196	218	290	348	435	522	580	600	600	600	
6RK120GU-CF□M			60Hz	1.25	1.50	2.09	2.51	3.44	4.18	4.64	6.36	7.64	8.35	9.28	12.7	15.3	16.7	18.6	22.9	27.5	34.4	41.2	45.8	55.0	60.0	60.0	
6RK120GU-HF□M				12.3	14.7	20.5	24.6	35.1	40.9	45.5	64.9	77.9	81.9	91.0	130	156	164	182	234	280	351	421	467	561	600	600	
6RK120GU-SF□M																											
6RK120GU-S3F□M																											

Motor Size Chart

6RK120GU-AF□M/6GU□RC 6RK120GU-CF□M/6GU□RC 6RK120GU-SF□M/6GU□RC
6RK120GU-EF□M/6GU□RC 6RK120GU-HF□M/6GU□RC 6RK120GU-S3F□M/6GU□RC



6RK120GU-AF□M/6GU□RT 6RK120GU-CF□M/6GU□RT 6RK120GU-SF□M/6GU□RT
6RK120GU-EF□M/6GU□RT 6RK120GU-HF□M/6GU□RT 6RK120GU-S3F□M/6GU□RT

