PRODUCT NUMBER CODE

Motor

5	I	K	40	R	GU	-	C	T
①	②	③	④	⑤	⑥		⑦	⑧

①	Motor frame size	4: 80mm 5: 90mm 6: 104mm
②	Motor type I : Induction motor R : Reversible motor	
③	Series	K : K series
④	Output power (W)	(Example) 40 : 40W
⑤	R : The suffix "-R" after the output power means speed adjustable motor	
⑥	Motor shaft type GN : GN type : Pinion shaft	GU : GU Type : Pinion shat
⑦	Voltage·Poles A : Single-phase 110V50/60Hz 4P B : Single-phase 110V50Hz 2P C : Single-phase 220/230V50Hz 4P D : Single-phase 220V50Hz 2P E : Single-phase 110V/120V60Hz 4P	H : Single-phase 220/230V60Hz 4P S : Three-phase 200/220/230V50/60Hz 4P S3 : Three-phase 380/400/415V50/60Hz 4P T : Three-phase 200/220/230V50/60Hz 2P T3 : Three-phase 380/400/415V50/60Hz 2P
⑧	T : Terminal box type F : W/Fan M : Power off activated type electromagnetic brake motor	FF : W/Forced fan

Description Of Reducer Model

5	GU	50	RH
①	②	③	④

①	Gearhead frame size	4: 80mm 5: 90mm 6: 104mm
②	Type of pinion	GN : GN type gear GU : GU type gear
③	Gear ratio	(e.g) 50 : Gear ratio of 1 : 50 10x denotes the decimal gearhead of ratio 1 : 10
④	Type of output shaft	RH : Hollow worm shaft RA : Worm output shaft RC : Spiral bevel hollow shaft RT : Spiral bevel output shaft

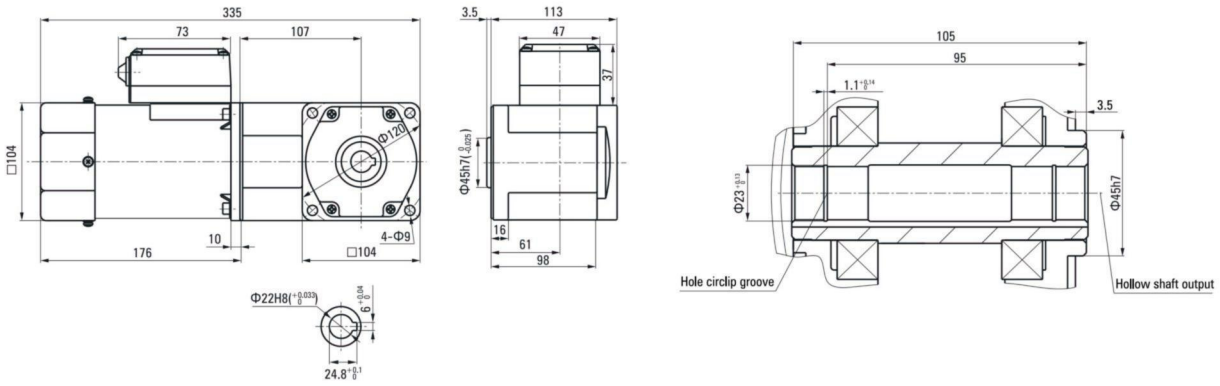
SPIRAL BEVEL RIGHT ANGLE

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

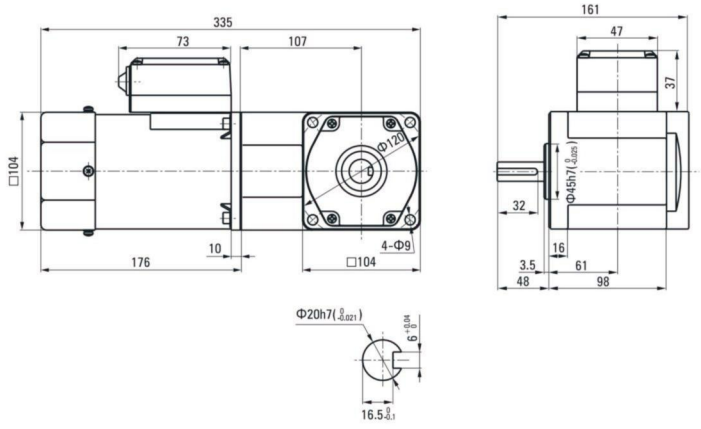
Type / Motor/Gearhead		Gear Ratio		7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
		Speedr/min	50Hz	200	166	120	100	83	60	50	42	30	25	20	16	15	12	10	8
			60Hz	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10
6IK120GU-AF□ 6IK120GU-EF□	6GU□RC	Allowance Torque	50Hz	4.26	5.68	7.89	9.47	11.4	15.8	18.9	22.7	28.4	34.1	42.6	51.1	56.8	60.0	60.0	60.0
				43.5	58.0	80.5	96.6	116	161	193	232	290	348	435	522	580	600	600	600
6IK120GU-CF□ 6IK120GU-HF□	6GU□RT		60Hz	3.44	4.58	6.36	7.64	9.16	12.7	15.3	18.3	22.9	27.5	34.4	41.2	45.8	55.0	60.0	60.0
6IK120GU-SF□ 6IK120GU-S3F□				35.1	46.7	64.9	77.9	93.5	130	156	187	234	280	351	421	467	561	600	600

Motor Size Chart

6IK120GU-AF□/6GU□RC　6IK120GU-CF□/6GU□RC
6IK120GU-EF□/6GU□RC　6IK120GU-HF□/6GU□RC　6IK120GU-SF□/6GU□RC　6IK120GU-S3F□/6GU□RC



6IK120GU-AF□/6GU□RT　6IK120GU-CF□/6GU□RT
6IK120GU-EF□/6GU□RT　6IK120GU-HF□/6GU□RT　5IK120GU-SF□/6GU□RT　5IK120GU-S3F□/6GU□RT



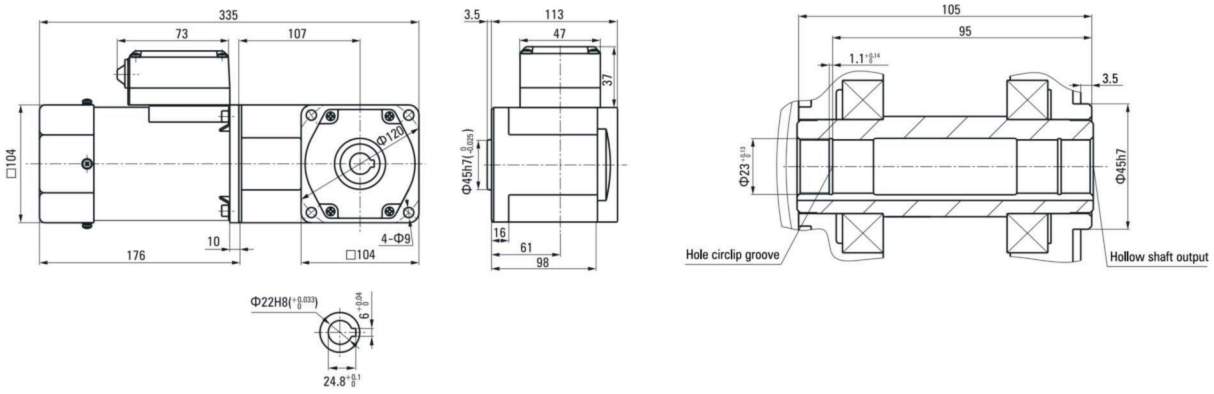
SPIRAL BEVEL RIGHT ANGLE

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

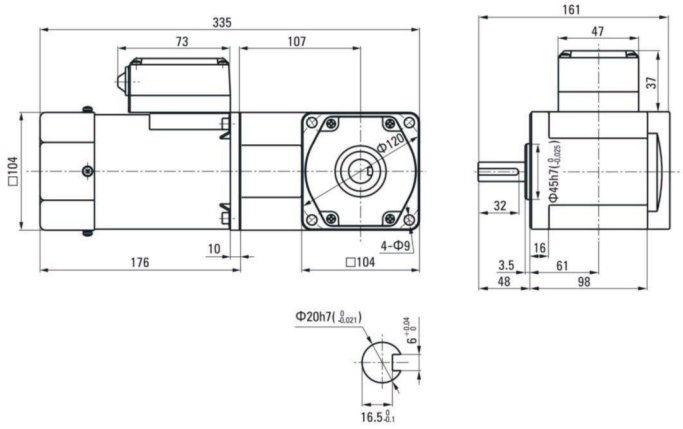
Type / Motor/Gearhead		Gear Ratio		7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
		Speedr/min	50Hz	200	166	120	100	83	60	50	42	30	25	20	16	15	12	10	8
			60Hz	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10
6IK140GU-AF□ 6IK140GU-EF□ 6IK140GU-CF□ 6IK140GU-HF□ 6IK140GU-SF□ 6IK140GU-S3F□	6GU□RC 6GU□RT	Allowance Torque	50Hz	4.97	6.63	9.21	11.0	13.3	18.4	22.1	26.5	33.1	39.8	49.7	59.6	60.0	60.0	60.0	60.0
				50.7	67.6	93.9	113	135	188	225	271	338	406	507	600	600	600	600	600
			60Hz	4.01	5.34	7.42	8.91	10.7	14.8	17.8	21.4	26.7	32.1	40.1	48.1	53.4	60.0	60.0	60.0
				40.9	54.5	75.8	90.9	109	152	182	218	273	327	409	491	545	600	600	600

Motor Size Chart

6IK140GU-AF□/6GU□RC 6IK140GU-CF□/6GU□RC
6IK140GU-EF□/6GU□RC 6IK140GU-HF□/6GU□RC 5IK140GU-SF□/6GU□RC 5IK140GU-S3F□/6GU□RC



6IK140GU-AF□/6GU□RT 6IK140GU-CF□/6GU□RT
6IK140GU-EF□/6GU□RT 6IK140GU-HF□/6GU□RT 5IK140GU-SF□/6GU□RT 5IK140GU-S3F□/6GU□RT



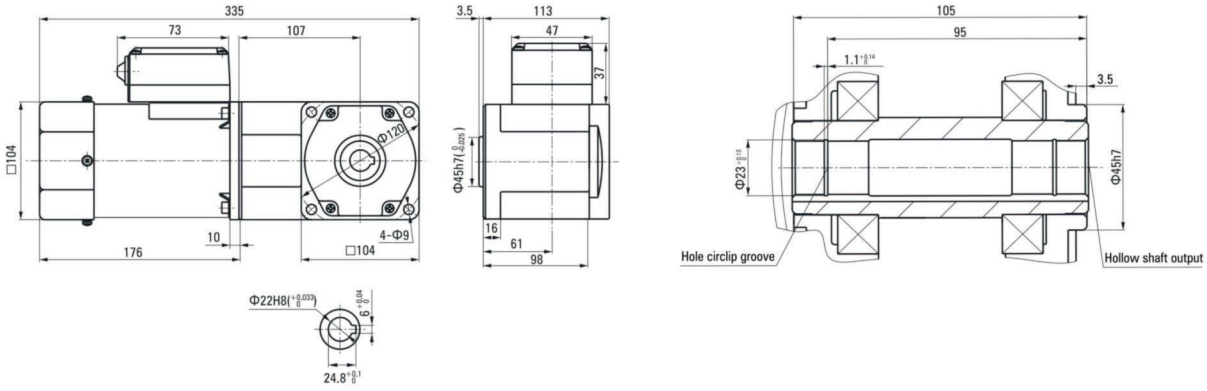
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		Speedr/min	50Hz	200	166	120	100	83	60	50	42	30	25	20	16	15	12	10	8
			60Hz	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10
6IK200GU-AF□ 6IK200GU-EF□	6GU□RC	Allowance Torque	50Hz	9.28	11.1	13.9	16.7	20.1	25.2	30.3	36.3	50.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
				94.7	114	142	171	205	257	30.9	370	515	600	600	600	600	600	600	600
6IK200GU-CF□ 6IK200GU-HF□	6GU□RT		60Hz	7.49	8.98	11.2	13.5	16.2	20.3	24.4	29.3	40.7	48.8	60.0	60.0	60.0	60.0	60.0	60.0
6IK200GU-SF□ 6IK200GU-S3F□				76.4	91.7	115	138	165	207	249	299	415	498	600	600	600	600	600	600

Motor Size Chart

6IK200GU-AF□/6GU□RC　6IK200GU-CF/6GU□RC
6IK200GU-EF□/6GU□RC　6IK200GU-HF/6GU□RC　6IK200GU-SF□/6GU□RC　6IK200GU-S3F□/6GU□RC



6IK200GU-AF□/6GU□RT　6IK200GU-CF/6GU□RT
6IK200GU-EF□/6GU□RT　6IK200GU-HF/6GU□RT　6IK200GU-SF□/6GU□RT　6IK200GU-S3F□/6GU□RT

