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

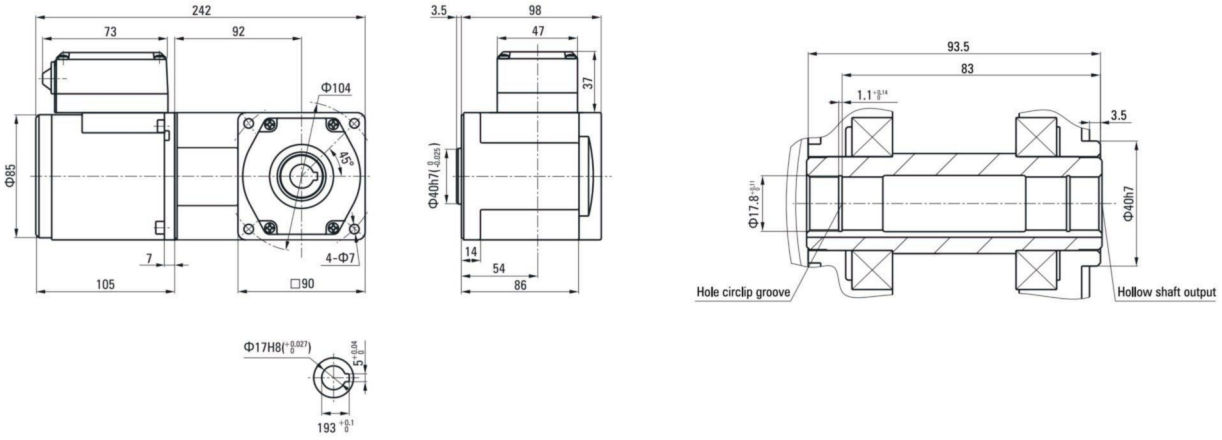
SPIRAL BEVEL RIGHT ANGLE

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

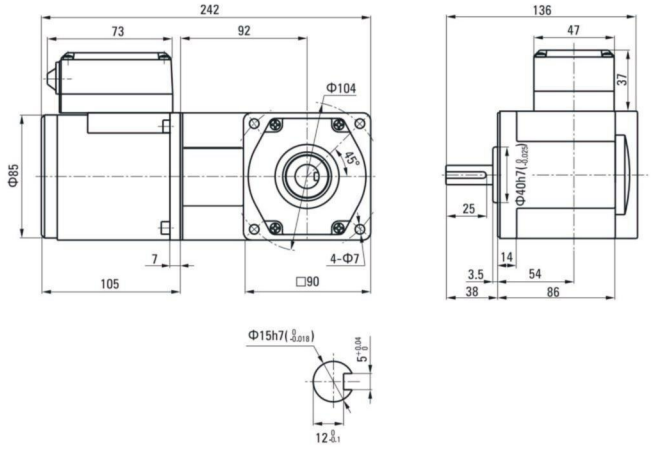
Type / Motor/Gearhead		Gear Ratio		7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
		Speedr/min	50Hz	200	166	120	100	83	60	50	42	30	25	20	16	15	12	10	8
			60Hz	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10
5IK40GU-A□ 5IK40GU-E□	5GU□RC	Allowance Torque	50Hz	1.58	1.89	2.63	3.16	3.79	5.26	6.31	6.80	9.50	11.4	14.2	17.0	18.9	20.0	20.0	20.0
				16.1	19.3	26.8	32.2	38.6	53.7	64.4	70.0	97.0	116	145	174	193	200	200	200
5IK40GU-C□ 5IK40GU-H□	5GU□RT		60Hz	1.27	1.53	2.12	2.55	3.05	4.24	5.09	5.50	7.64	9.16	11.5	13.7	15.3	18.3	20.0	20.0
5IK40GU-S□ 5IK40GU-S3□				13.0	15.6	21.6	26.0	31.2	43.3	51.9	56.1	77.9	93.5	117	140	156	187	200	200

Motor Size Chart

5IK40GU-A□/5GU□RC　5IK40GU-C□/5GU□RC
5IK40GU-E□/5GU□RC　5IK40GU-H□/5GU□RC　5IK40GU-S□/5GU□RC　5IK40GU-S3□/5GU□RC



5IK40GU-A□/5GU□RT　5IK40GU-C□/5GU□RT
5IK40GU-E□/5GU□RT　5IK40GU-H□/5GU□RT　5IK40GU-S□/5GU□RT　5IK40GU-S3□/5GU□RT



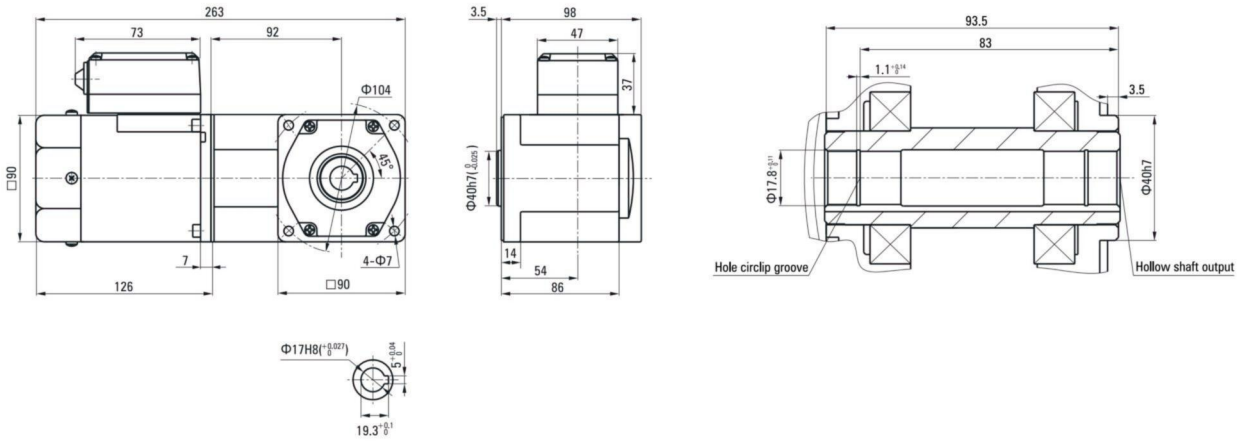
SPIRAL BEVEL RIGHT ANGLE

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

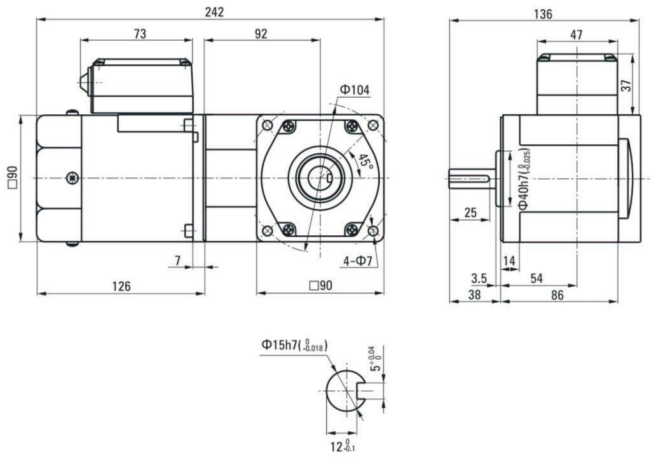
Type / Motor/Gearhead		Gear Ratio		7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
		Speedr/min	50Hz	200	166	120	100	83	60	50	42	30	25	20	16	15	12	10	8
			60Hz	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10
5IK60GU-AF□ 5IK60GU-EF□ 5IK60GU-CF□ 5IK60GU-HF□ 5IK60GU-SF□ 5IK60GU-S3F□	5GU□RC 5GU□RT	Allowance Torque	50Hz	2.37	2.84	3.95	4.73	5.68	7.89	9.47	10.2	14.2	17.0	20.0	20.0	20.0	20.0	20.0	20.0
				24.2	29.0	40.3	48.3	58.0	80.5	96.6	104	145	174	200	200	200	200	200	200
			60Hz	1.91	2.29	3.18	3.82	4.58	6.36	7.64	8.25	11.5	13.7	17.2	20.0	20.0	20.0	20.0	20.0
				19.48	23.37	32.46	38.96	46.75	64.93	77.92	84.1	117	140	175	200	200	200	200	200

Motor Size Chart

5IK60GU-AF□/5GU□RC　5IK60GU-CF□/5GU□RC
5IK60GU-EF□/5GU□RC　5IK60GU-HF□/5GU□RC　5IK60GU-SF□/5GU□RC　5IK60GU-S3F□/5GU□RC



5IK60GU-AF□/5GU□RT　5IK60GU-CF□/5GU□RT
5IK60GU-EF□/5GU□RT　5IK60GU-HF□/5GU□RT　5IK60GU-SF□/5GU□RT　5IK60GU-S3F□/5GU□RT



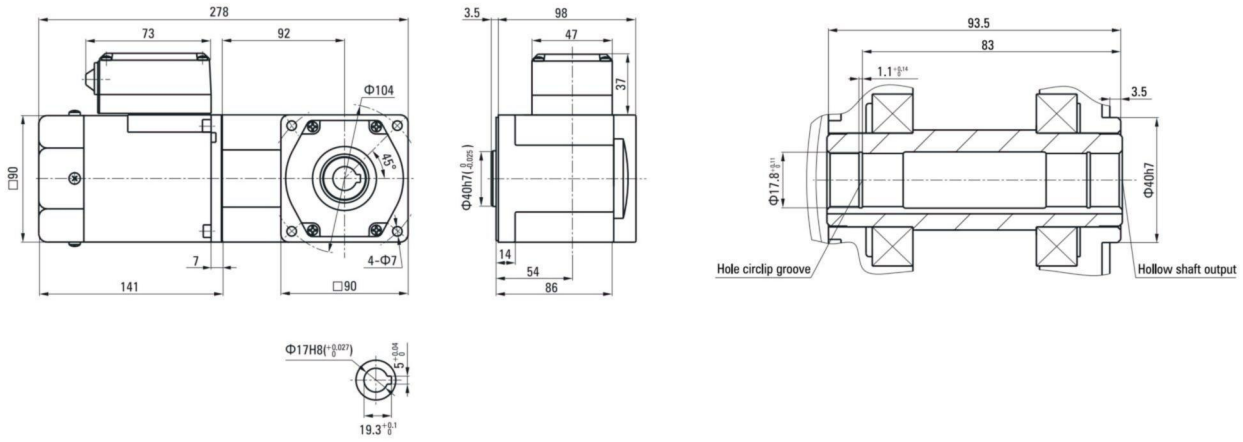
SPIRAL BEVEL RIGHT ANGLE

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

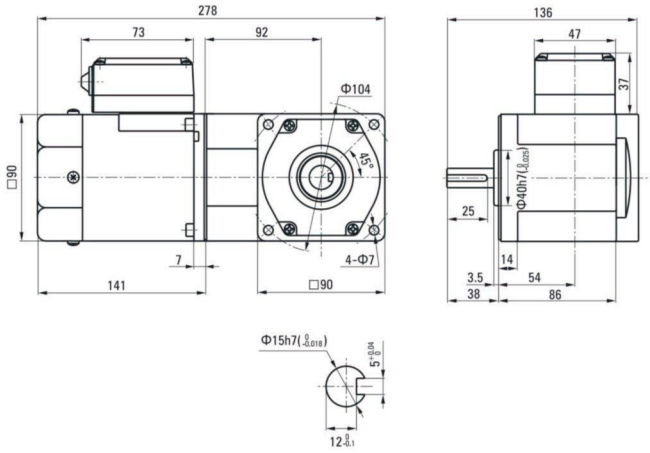
Type / Motor/Gearhead		Gear Ratio		7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
		Speedr/min	50Hz	200	166	120	100	83	60	50	42	30	25	20	16	15	12	10	8
			60Hz	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10
5IK90GU-AF□ 5IK90GU-EF□	5GU□RC	Allowance Torque	50Hz	3.55	4.26	5.92	7.10	8.52	11.8	14.2	15.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
				36.2	43.5	60.4	72.5	87.0	121	145	157	200	200	200	200	200	200	200	200
5IK90GU-CF□ 5IK90GU-HF□	5GU□RT		60Hz	2.86	3.44	4.77	5.73	6.87	9.54	11.5	12.4	17.2	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5IK90GU-SF□ 5IK90GU-S3F□				29.2	35.1	48.7	58.4	70.1	97.4	117	126	175	200	200	200	200	200	200	200

Motor Size Chart

5IK90GU-AF□/5GU□RC　5IK90GU-CF□/5GU□RC
5IK90GU-EF□/5GU□RC　5IK90GU-HF□/5GU□RC　5IK90GU-SF□/5GU□RC　5IK90GU-S3F□/5GU□RC



5IK90GU-AF□/5GU□RT　5IK90GU-CF□/5GU□RT
5IK90GU-EF□/5GU□RT　5IK90GU-HF□/5GU□RT　5IK90GU-SF□/5GU□RT　5IK90GU-S3F□/5GU□RT



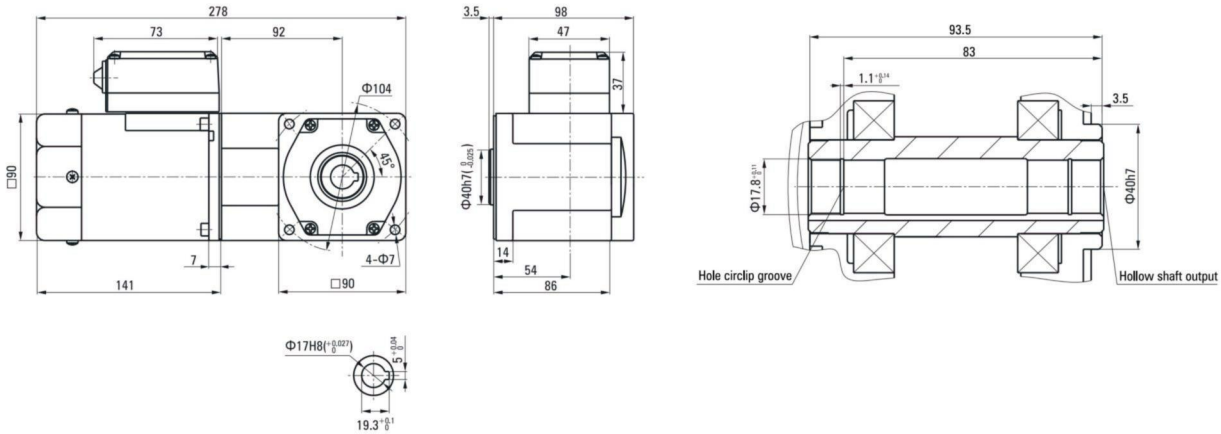
SPIRAL BEVEL RIGHT ANGLE

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
5IK120GU-AF□ 5IK120GU-EF□ 5IK120GU-CF□ 5IK120GU-HF□ 5IK120GU-SF□ 5IK120GU-S3F□	5GU□RC 5GU□RT	Allowance Torque	50Hz	4.73	5.68	7.89	9.47	11.4	15.8	18.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
				48.3	58.0	80.5	96.6	116	161	193	200	200	200	200	200	200	200	200	200
			60Hz	3.82	4.58	6.36	7.64	9.16	12.7	15.3	16.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
				39.0	46.7	64.9	77.9	93.5	130	156	168	200	200	200	200	200	200	200	200

Motor Size Chart

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



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

