

INDUCTION MOTOR

200W

□90mm LEAD WIRE TYPE
TERMINAL BOX TYPE

INDUCTION MOTOR

K9IS200FH

K9IS200F□-T, T5



SPECIFICATIONS

200W continuous rating, four poles

Model		Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N·m/kgf·cm)	Rated T. (N·m/kgf·cm)	Speed (rpm)	Condenser (μF)
K9I□200FT(-T, -T5)	three-phase	200	50	1,62	4/40	1,5/15	1300	-
			60	1,29	3,15/31,5	1,22/12,2	1600	-
K9I□200FH(-T, -T5)		220	50	1,36	4,25/42,5	1,45/14,5	1350	-
			60	1,06	3,4/34	1,22/12,2	1600	-
K9I□200FM(-T, -T5)		230	50	1,51	4,3/43	1,45/14,5	1350	-
			60	1,15	3,5/35	1,22/12,2	1600	-
K9I□200FV(-T, -T5)		380	50	0,81	4,3/43	1,45/14,5	1350	-
			60	0,58	3,6/36	1,22/12,2	1600	-
K9I□200FQ(-T, -T5)		400	50	0,91	4,5/45	1,45/14,5	1350	-
			60	0,67	4/40	1,22/12,2	1600	-
K9I□200FZ(-T, -T5)		415	50	0,62	3,8/38	1,5/15	1300	-
			60	0,58	3/30	1,26/12,6	1550	-
K9I□200FZ(-T, -T5)		440	50	0,68	4,1/41	1,5/15	1300	-
			60	0,54	3/30	1,22/12,2	1600	-

* □ : SHAFT SHAPE (S : STRAIGHT, P : PINION)

Models highlighted in Red are stocked at Gapp Automation

* 3 phase motor for over 380 voltage can't be used with inverter. Motor winding insulation can be damaged.

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N·m / below : Kgf·cm

Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	13	10	8,3	7,5
Motor/ Gearhead	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	200
K9I□200F□(-T, -T5)		3,52	4,23	5,87	7,05	8,81	10,57	11,75	13,21	15,86	19,03	21,14	23,78	28,54	30	30	30	30	30	30	30	30	30	30	30
K9P□BU, BUF		35,2	42,3	58,7	70,5	88,1	105,7	117,5	132,1	158,6	190,3	211,4	237,8	285,4	300	300	300	300	300	300	300	300	300	300	300

Models highlighted in Red are stocked at Gapp Automation

● 60Hz

unit = above : N·m / below : Kgf·cm

Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
Motor/ Gearhead	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	200
K9I□200F□(-T, -T5)		2,96	3,56	4,94	5,93	7,41	8,89	9,88	11,12	13,34	16,01	17,79	20,01	24,01	28,82	30	30	30	30	30	30	30	30	30	30
K9P□BU, BUF		29,6	35,6	49,4	59,3	74,1	88,9	98,8	111,2	133,4	160,1	177,9	200,1	240,1	288,2	300	300	300	300	300	300	300	300	300	300

* Gearhead and decimal gearhead are sold separately.

* The code in □ of gearhead model is for gear ratio.

* color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor. Others indicate rotation in the opposite direction.

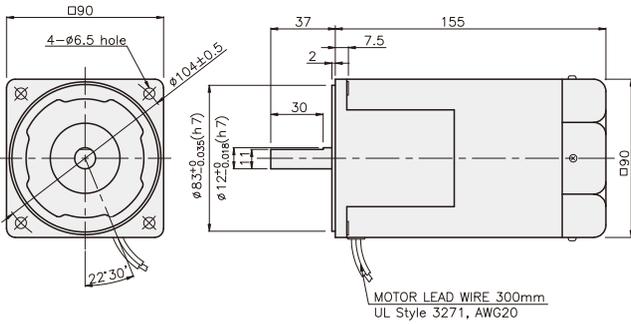
* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 30N·m/300kgf·cm.

* RPM is based on motor's synchronous rpm (50HZ:1500rpm, 60HZ:1800rpm) and calculated by dividing gear ratio. Actual rpm is 2~20% less than indicating rpm according to load size.

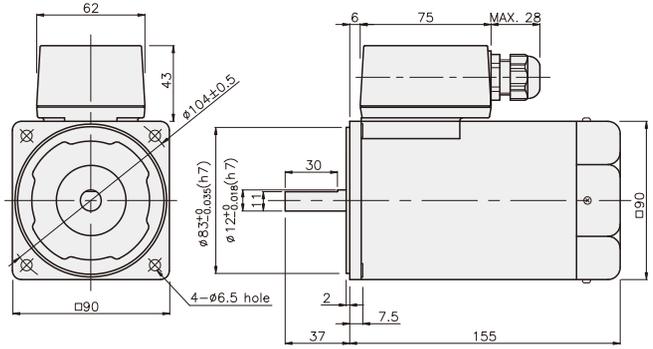
GEARHEAD

DIMENSIONS

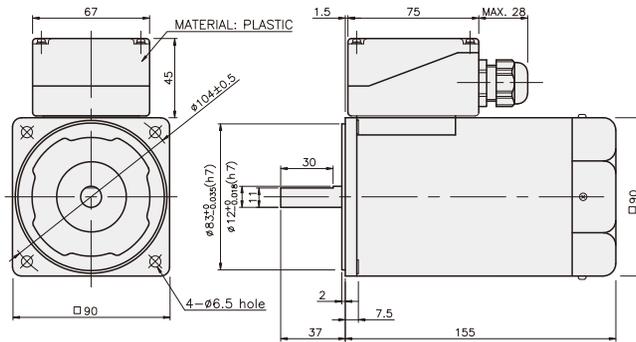
K9IS200FH



K9IS200F□-T

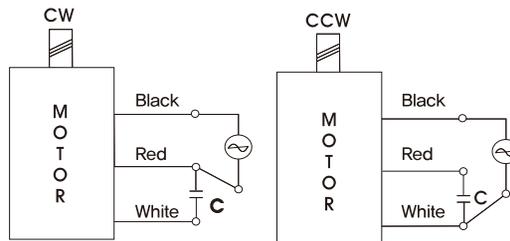


K9IS200F□-T5



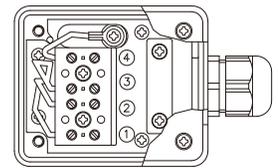
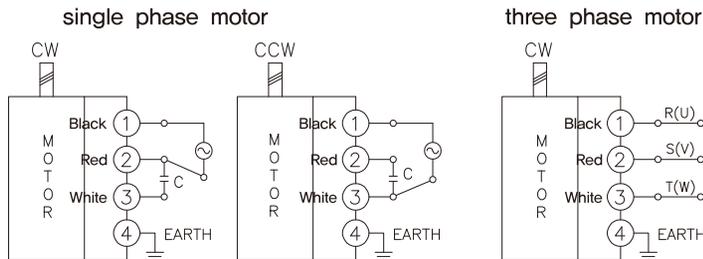
CONNECTION DIAGRAMS

K9IS200F□



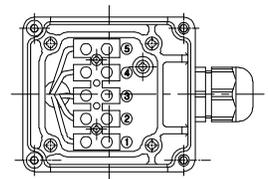
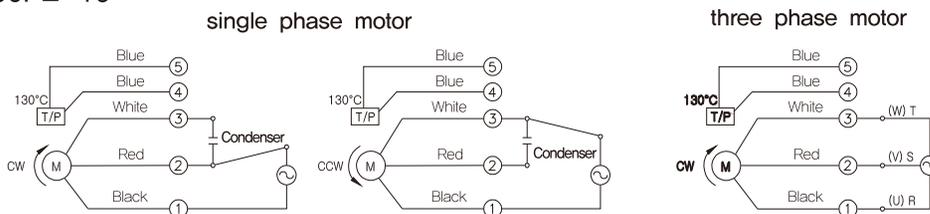
※The direction of motor rotation is as viewed from the front shaft end of the motor

K9IS200F□-T



※The direction of motor rotation is as viewed from the front shaft end of the motor

K9IS200F□-T5



※The direction of motor rotation is as viewed from the front shaft end of the motor connecting two leadwires of U,V,W in turns

GEARHEAD

DIMENSIONS

K9P□BU

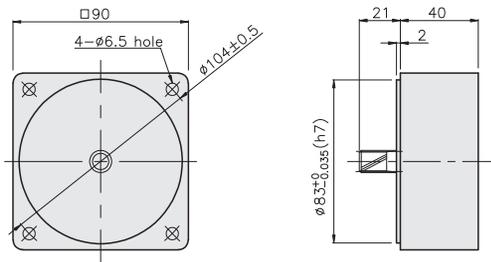


K9P□BUF



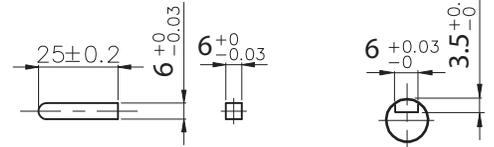
DECIMAL GEARHEAD

K9P10BX



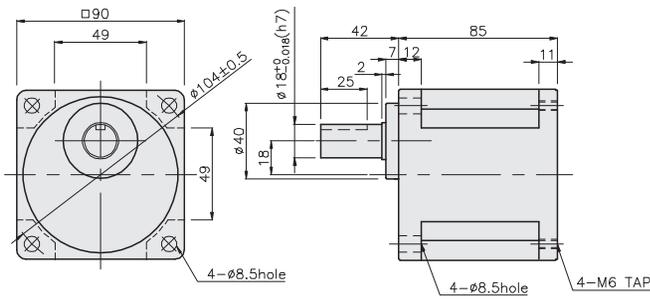
KEY SPEC

K9P□BU-K6
K9P□BUF-K6

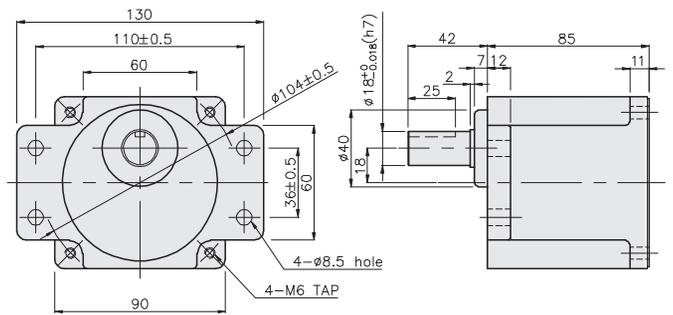


GEARHEAD

K9P□BU-K6



K9P□BUF-K6



GEARHEAD

DIMENSIONS

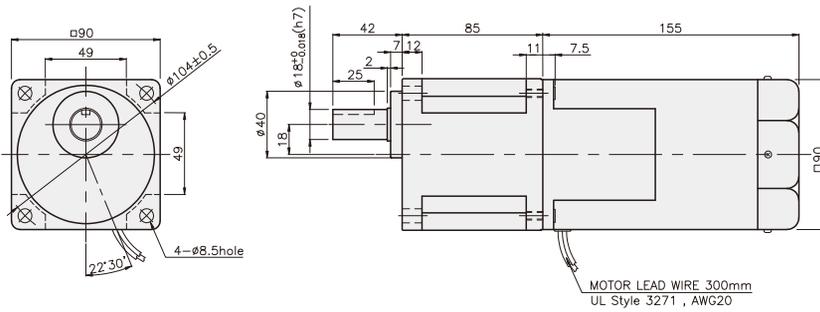
K9IP200F□ + K9P□BU



K9IP200F□ + K9P□BUF



K9IP200F□ + K9P□BU



WEIGHT

PART	WEIGHT(kg)
MOTOR	3.82
DECIMAL GEARHEAD	0.62

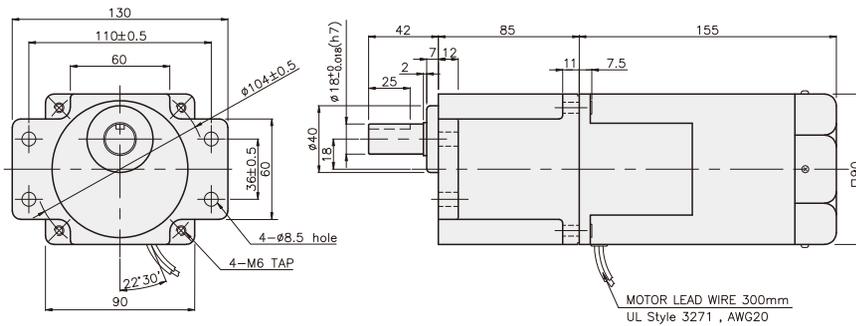
DIMENSION TABLE

PART No	Application Model	Mounting BOLT
01	K9P3~200BU	M6 P1,0 X 20
02	K9P10BX	M6 P1,0 X 65

WEIGHT

PART	WEIGHT(kg)
K9P3~10BU	1.44
K9P12,5~20BU	1.55
K9P25~60BU	1.69
K9P75~200BU	1.74

K9IP200F□ + K9P□BUF



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PART	WEIGHT(kg)
K9P3~10BUF	1.50
K9P12,5~20BUF	1.62
K9P25~60BUF	1.76
K9P75~200BUF	1.82

GEARHEAD

DIMENSIONS

K9IP200F□-T + K9P□BU



K9IP200F□-T + K9P□BUF



WEIGHT

PART	WEIGHT(kg)
MOTOR	4,00
DECIMAL GEARHEAD	0,62

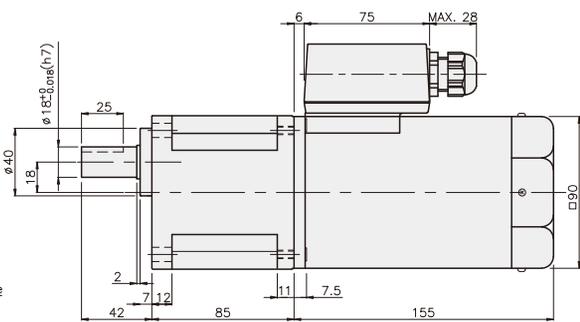
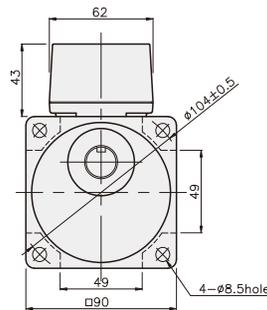
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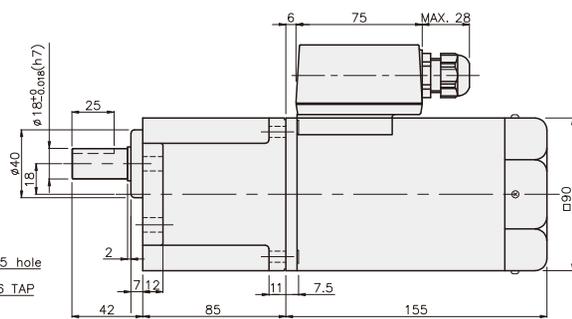
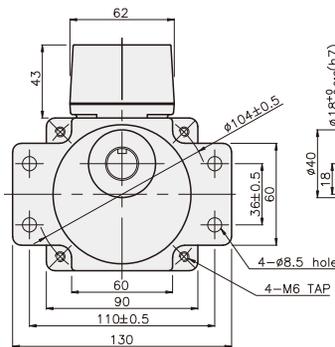
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K9IP200F□-T + K9P□BUF



GEARHEAD

DIMENSIONS

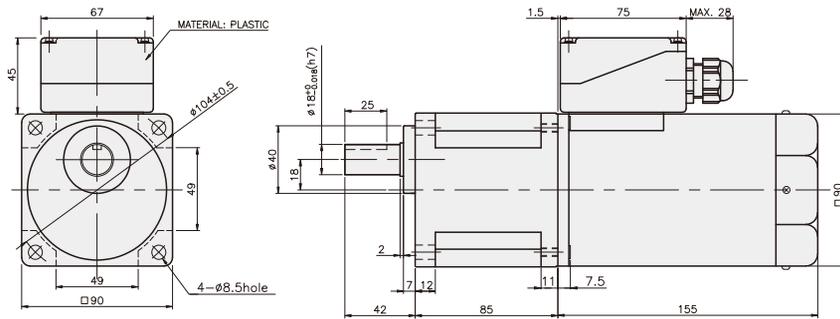
K9IP200F□-T5 + K9P□BU



K9IP200F□-T5 + K9P□BUF



K9IP200F□-T5 + K9P□BU



WEIGHT

PART	WEIGHT(kg)
MOTOR	4.00
DECIMAL GEARHEAD	0.62

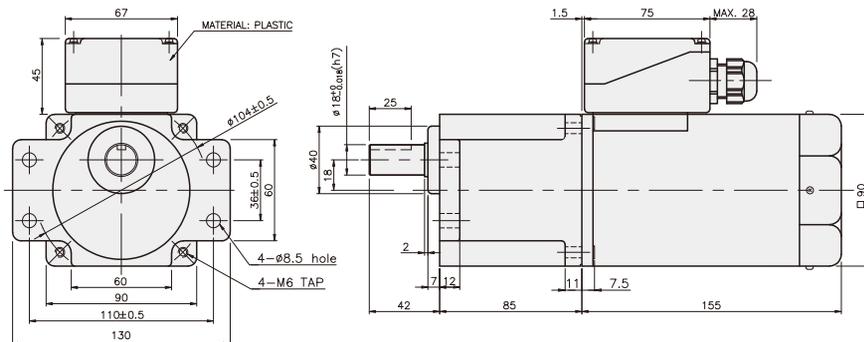
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