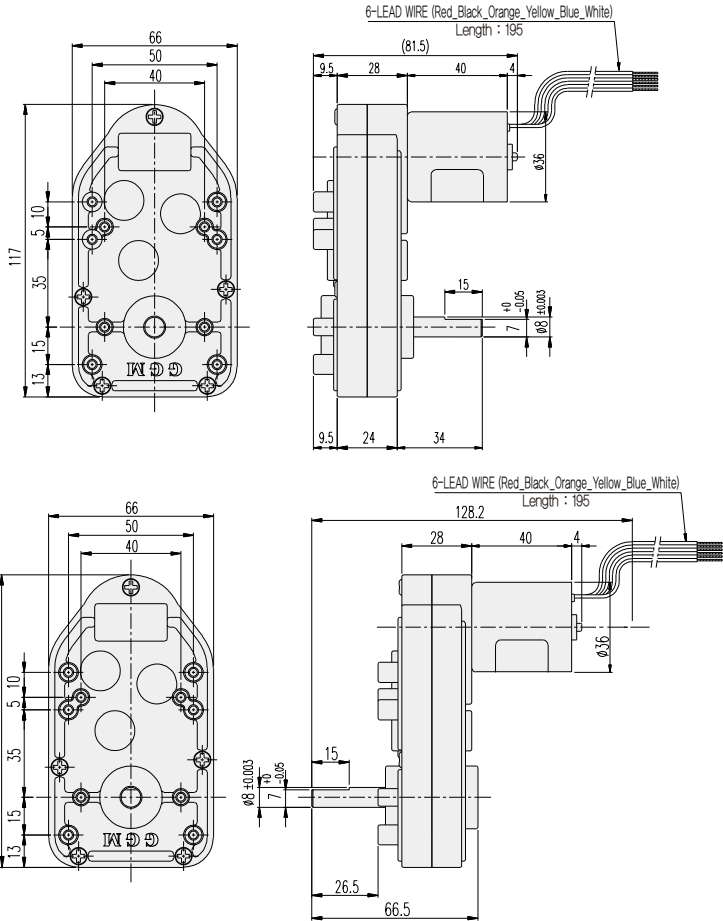
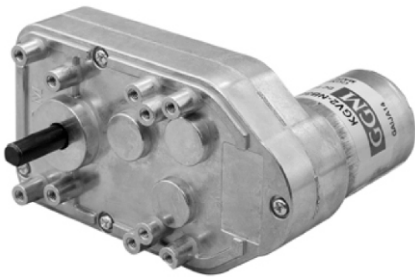


## KGV2-TYPE

### DIMENSIONS

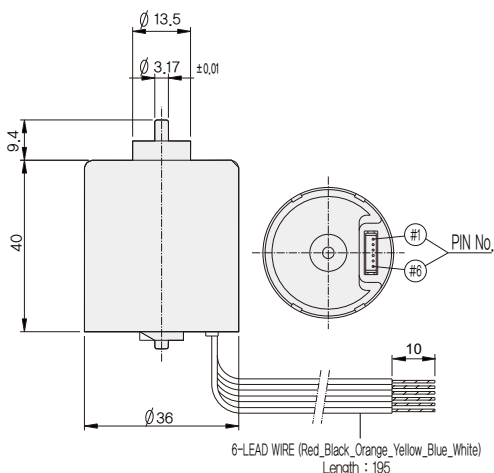
#### KGV2-3640 BLDC SERIES



#### How to connect when speed control is not needed.

No - Color	Pin - Contents	Connection Method
1 - White	Brake	No Use, (-) connectin Brake
2 - Blue	PWM	connecting to (-) power
3 - Yellow	1FG (6P/R)	No Use
4 - Orange	CW/CCW	Normal Open, C CW connecting to (-) power
5 - Black	GND	connecting to (-) power
6 - Red	24V	connecting to (+) power

\* Please be cautious that Motor can be damaged when connected to incorrect power (+) (-).



#### BLDC MOTOR PERFORMANCE DATA

ITEM MODEL	VOLTAGE (DC)	NO LOAD		AT MAX. EFF.			WEIGHT (g)
		mA	rpm	gf-cm	A	rpm	
KB3640S1	12V	500	5300	150	1.2	4500	150
KB3640S2	24V	300	5000	250	0.8	3900	

#### AT MAXIMUM EFFICIENCY

GEAR	MODEL	KB3640S1		KB3640S2	
		DC 12V		DC 24V	
		rpm	kgf-cm	rpm	kgf-cm
1/60		75	5.2	65	8.7
1/70		64.2	6	55.7	10.2
1/90		50	7.8	43.3	13
1/105		42.8	9	37	15.3
1/135		33.3	10.6	28.8	17.7
1/200		22.5	15.7	19.5	20
1/350		12.8	20	11	20
1/500		9	20	7.8	20
1/660		6.8	20	5.9	20

\*  color gear ratios are same rotation direction with motor.