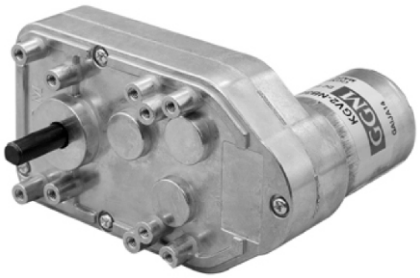
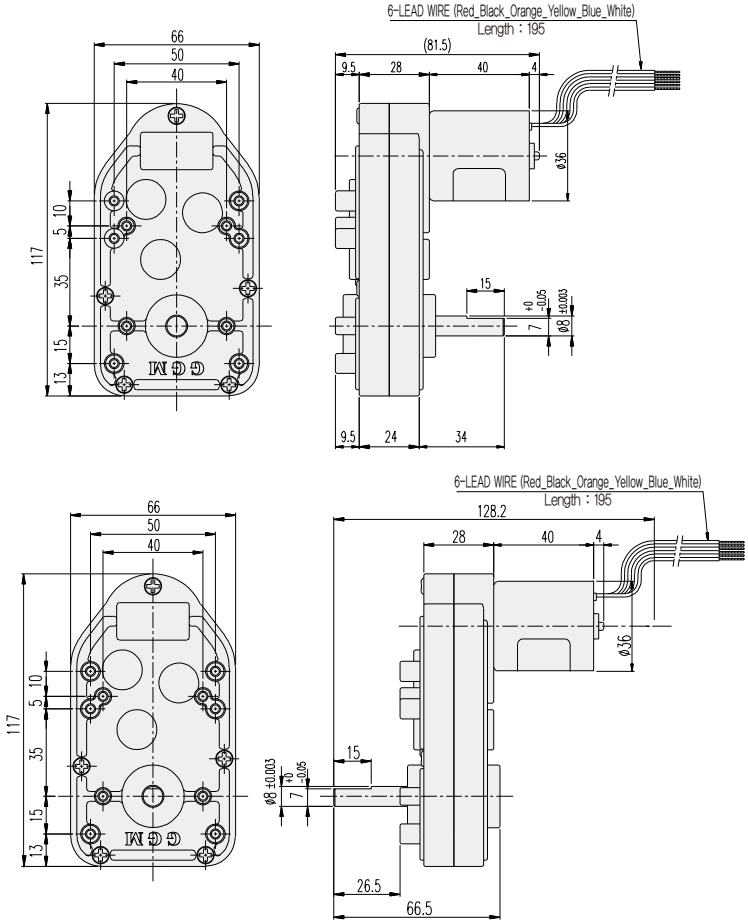
KGV2-TYPE

DIMENSIONS

KGV2-3640 BLDC SERIES

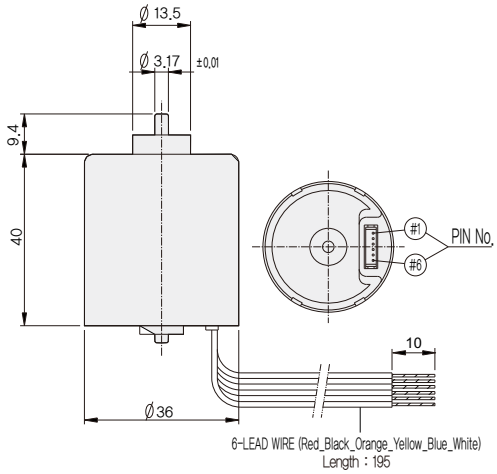




How to connect
when speed control is not needed.

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, CCW 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

MODEL / GEAR	KB3640S1 DC 12V		KB3640S2 DC 24V	
	rpm	kgf·cm	rpm	kgf·cm
1/0060	75	5.2	65	8.7
1/0070	64.2	6	55.7	10.2
1/0090	50	7.8	43.3	13
1/0105	42.8	9	37	15.3
1/0135	33.3	10.6	28.8	17.7
1/0200	22.5	15.7	19.5	20
1/0350	12.8	20	11	20
1/0500	9	20	7.8	20
1/0660	6.8	20	5.9	20

* ( ) color gear ratios are same rotation direction with motor.