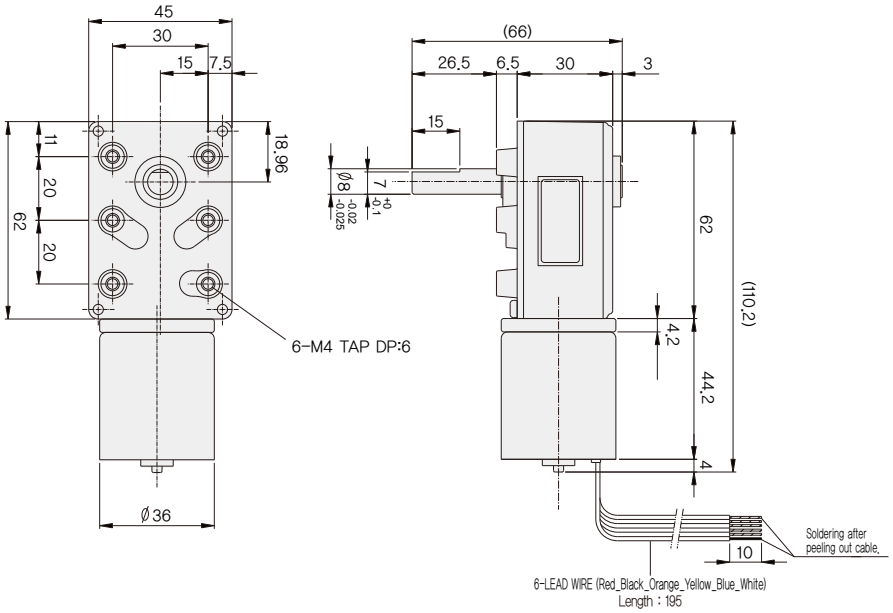
KWB-TYPE Worm GEARHEAD

DIMENSIONS

KWB-3640 BLDC SERIES





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		KB3640S2	
	DC 12V		DC 24V	
	rpm	kgf·cm	rpm	kgf·cm
1/0070	64	2	55.7	3.4
1/0100	45	2.9	39	4.9
1/0130	34.6	3.8	30	6.3
1/0160	28	4.7	24.3	7.8
1/0200	22.5	5.8	19.5	9.7
1/0260	17.5	7.6	15	12.6
1/0330	13.6	9.6	11.8	16
1/0400	11.2	11.7	9.7	19.4
1/0450	10	13.1	8.6	20
1/0500	9	14.6	7.8	20
1/0600	7.5	17.5	6.5	20
1/0750	6	20	5.2	20
1/0925	4.8	20	4.2	20
1/1000	4.5	20	3.9	20

* ( ) color gear ratios are same rotation direction with motor.
* The standard is F-TYPE.
* R type available.

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 (+) (-).

