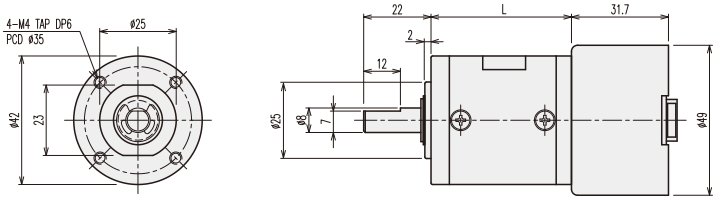
K42-TYPE Planetary GEARHEAD

DIMENSIONS

K42-4932 BLDC SERIES



GEARHEAD LENGTH

RATIO	L	RATIO	L
1/4	32.5	1/212 ~ 1/864	52.6
1/14 ~ 1/24	39.2	1/1062 ~ 1/3600	59.3
1/49 ~ 1/144	45.9		

BLDC MOTOR PERFORMANCE DATA

ITEM / MODEL	VOLTAGE (DC)	NO LOAD		AT MAX. EFF.			WEIGHT (g)
		mA	rpm	gf·cm	A	rpm	
KB4932S2	24V	500	5000	385	1	3800	210

AT MAXIMUM EFFICIENCY (K42-□□□□-KB4932S2)

MODEL / GEAR	KB4932S2 DC 24V	
	rpm	kgf·cm
1/0004	950	1.4
1/0014	271	4.4
1/0017	224	5.3
1/0024	158	7.5
1/0049	78	14
1/0061	62	17
1/0084	45	24
1/0104	37	29
1/0144	26	30
1/0212	18	30
1/0263	14	30
1/0294	13	30
1/0504	7.5	30
1/0624	6.1	30
1/0720	5.3	30
1/0864	4.4	30
1/1062	3.6	30
1/1470	2.6	30
1/2500	1.52	30
1/3000	1.26	30
1/3600	1.05	30

* Gearbox output shaft rotation direction is same direction with motor.
* Proceed function change in motor stop type.
* Controller for speed control is GUN type.

How to connect when speed control is not needed.

No - Color	Pin - Contents	Connected during operation
1 - Yellow	20FG	No Use
2 - Orange	5V	DC 5V (+)
3 - Green	CW/CCW	5V(+)=CW 5V(-)=CCW
4 - Blue	PWM	DC 5V (+)
5 - White	ST/SP	DC 5V (+)
6 - Black	GND	DC 24V, 5V (-)
7 - Red	24V	DC 24V (+)

- Caution -

1. Vse carefully input voltage range of connector each pin.
2. Two voltage is needed to run motor.
3. 20FG signal is output signal and no connection is possible but insulation is needed.
4. Execute function change under motor's no working.

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