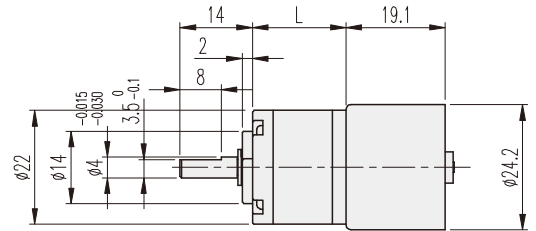
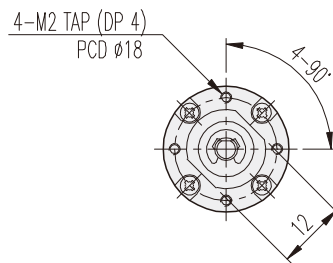


K22-TYPE

DIMENSIONS

K22-2419 BLDC SERIES



GEARHEAD LENGTH

RATIO	L	RATIO	L
1/4	14.4	1/198 ~ 1/455	25.35
1/14 ~ 1/19	18.05	1/742 ~ 1/1996	29
1/53 ~ 1/104	21.7		

BLDC MOTOR PERFORMANCE DATA

MODEL \ ITEM	VOLTAGE (DC)	NO LOAD		AT MAX. EFF.			WEIGHT (g)
		mA	rpm	gf·cm	mA	rpm	
KB2419U1	12V	120	6200	25	200	4500	30
KB2419R2	24V	100	8700	18	180	7200	

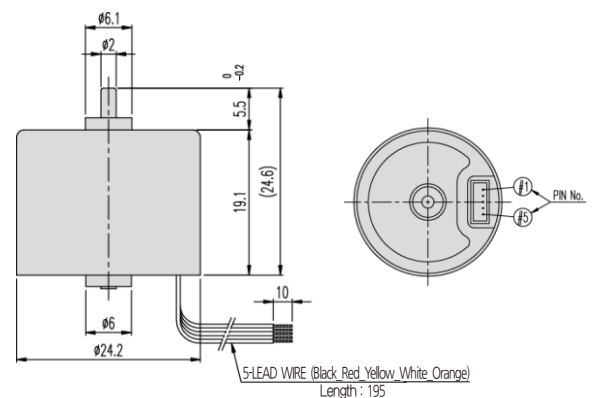
AT MAXIMUM EFFICIENCY (K22-□□□□-KB2419□□)

GEAR \ MODEL	KB2419U1		KB2419R2	
	DC 12V		DC 24V	
	rpm	kgf-cm	rpm	kgf-cm
1/0004	1125	0.09	1800	0.06
1/0014	321	0.29	514	0.2
1/0016	281	0.33	450	0.23
1/0019	237	0.39	379	0.27
1/0053	85	1	136	0.68
1/0062	73	1.1	116	0.8
1/0072	63	1.3	100	0.93
1/0084	54	1.6	86	1.1
1/0104	43	1.9	69	1.3
1/0198	22.7	3	36	2.3
1/0231	19.5	3	31	2.7
1/0270	16.7	3	26.7	3
1/0316	14.2	3	22.8	3
1/0370	12.1	3	19.5	3
1/0455	9.9	3	15.8	3
1/0742	6	3	9.7	3
1/1014	4.4	3	7.1	3
1/1249	3.6	3	5.7	3
1/1621	2.8	3	4.4	3
1/1996	2.3	3	3.6	3

How to connect when speed control is not needed.

No - Color	Pin - Contents	Connection Method
1 - Black	GND	connecting to (-) power
2 - Red	12V	connecting to (+) power
3 - Yellow	1FG	6 pulses per rotation
4 - White	PWM	CW connecting to (-) power
5 - Orange	CW/CCW	Normal Open, CCW connecting to (-) power

* 連接不正確的電源 (+) (-) 時，請小心電機，以免造成損壞。



- * 彩色齒輪比與電動機的旋轉方向相同。
- * 每個功能轉換，請運行處於停滯狀態的電機。
- * 速度控制器控制器是調整槍式套房。