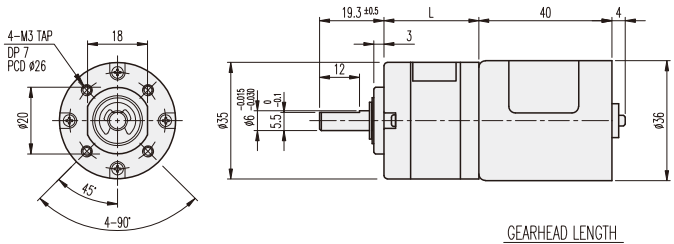
K35-TYPE Planetary GEARHEAD

DIMENSIONS

K35-3640 BLDC SERIES





GEARHEAD LENGTH

RATIO	L
1/005	22.1
1/014 ~ 1/027	28.5
1/051 ~ 1/139	34.9
1/189 ~ 1/721	41.3

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 (K35-□□□□-KB3640S□)

MODEL / GEAR	KB3640S1 DC 12V		KB3640S2 DC 24V	
	rpm	kgf·cm	rpm	kgf·cm
1/0005	900	0.7	780	1.1
1/0014	321	1.7	278	2.9
1/0019	237	2.3	205	3.9
1/0027	167	3.3	144	5.6
1/0051	88	5.5	76	9.5
1/0071	63	7.7	55	12
1/0100	45	10.8	39	12
1/0139	32	12	28	12
1/0189	24	12	21	12
1/0264	17	12	15	12
1/0369	12	12	10.5	12
1/0516	8.7	12	7.6	12
1/0721	6.2	12	5.4	12

* 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	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 (+) (-).

