

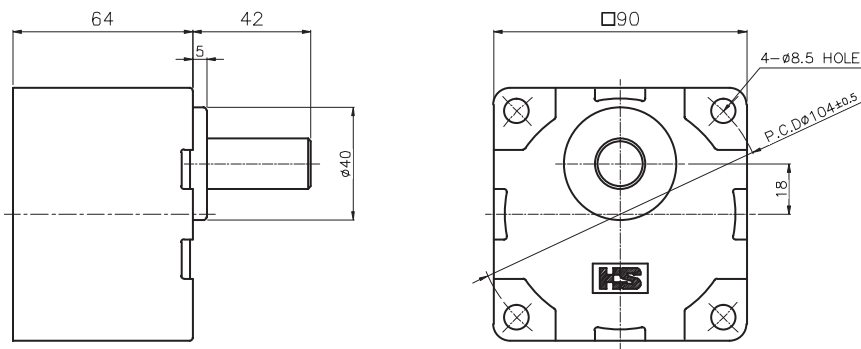
□ 90 Gear Ratio : 1/5 ~ 1/200



FEATURES

- Gear Ratios optimized for BLDC motor
- Minimize vibration and noise
- Minimize cogging load
- A wide range of applications

DIMENSIONS



GEAR HEAD OUTPUT SHAFT

TYPE	KEY TYPE HGK9-()K	KEY SPEC

Maximum permissible torque of Gear Head

Model	Gear Ratio	5	10	15	20	30	50	100	200	
Geared Motor: HBGM9-10024A HBGM9-100310A	Motor Speed	200~2500rpm	40~500	20~250	13.4~167	10~125	6.6~83	4~50	2~25	1~12.5
		3000rpm	600	300	200	150	100	60	30	15
Gear Head: HGK9-()	Torque	N·m(kgf·cm)	1.8(18)	3.6(36)	5.4(54)	7.2(72)	10.3(103)	17.2(172)	30(300)	30(300)
			0.9(90)	1.8(18)	2.7(27)	3.6(36)	5.2(52)	8.6(86)	17.2(172)	30(300)

■ Green color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor. Others indicate rotation in the opposite direction.