BTH
PMDC Motors

K9DP150N1
12V, 150W Pinion Gear Shaft

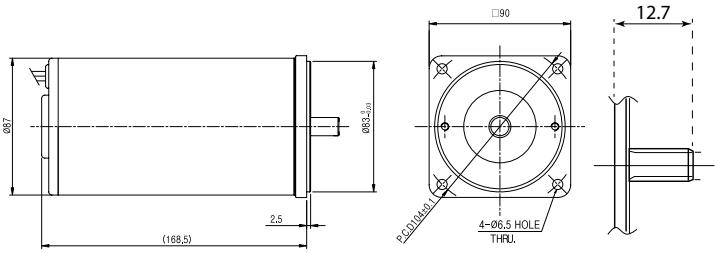
90mm Square (3.54 in.sq)

- Permanent Magnet DC Motors are the best solution to motion control and power transmission applications where compact size, wide operating speed range, ability to adapt to arrange of power.
- Their ability to produce high torque at low speed make them suitable substitutes for gearmotors in many application.
- Compare to the same size AC motor, it is easy to control the speeds and changes the rotation direction with high efficiency.

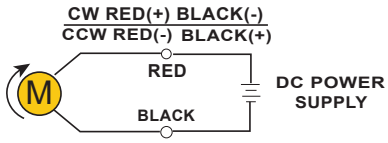
Specifications

MODEL		K9DP150N1
Voltage		12 VDC
No Load	Speed	3600 (r/min)
	Current	5 A
Rated Load	Output	150 W
	Speed	3000 (r/min)
	Torque	4.87 (kgf-cm)
	Current	19 A
Stall	Torque	28 (kgf-cm)
	Current(A)	95 A

Dimensions



Connection Diagram



The direction of motor rotation is as viewed from the front shaft end of the motor
Matching Gear Ratio 1:3 to 1:250 & Decimal Gear available.

Application


Industrial Machinery

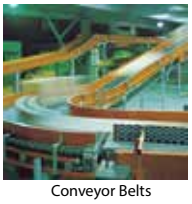

Medical Equipment


Textile Machinery


ATM's


Electronic Machinery


Automatic Doors


Conveyor Belts


Agricultural Machinery

Performance Curve