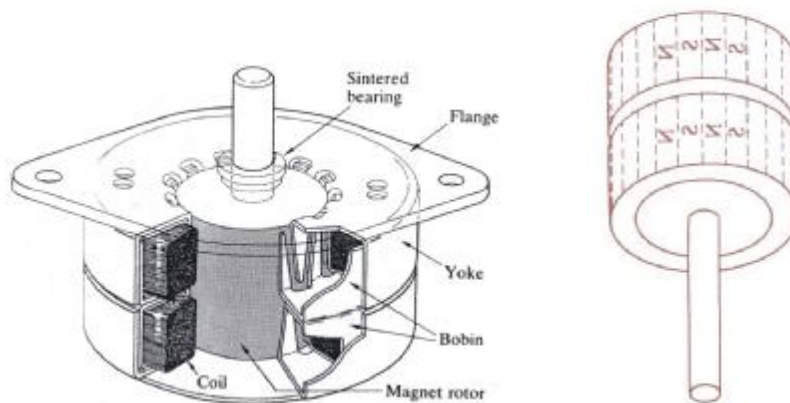


## Classification of stepping motors

- Permanent-magnet (PM) stepping motors
- Variable-reluctance (VR) stepping motors
- Hybrid stepping motors (HSM)

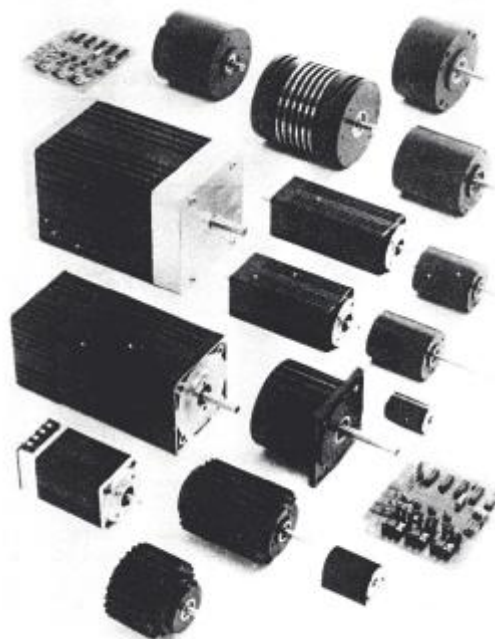
## Claw-pole (爪極式) permanent-magnet stepping motor



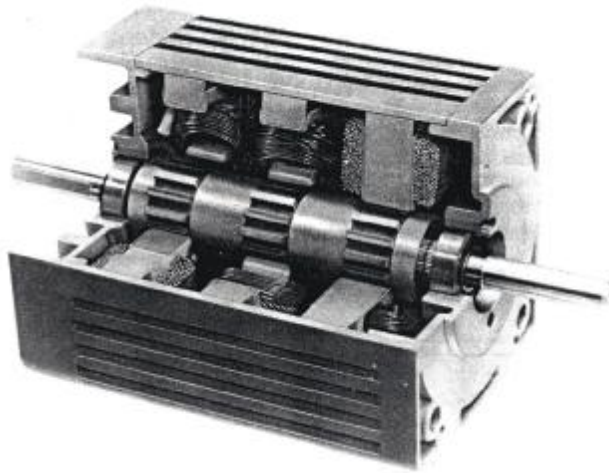
3

## Stepping motors :

● 外觀 :

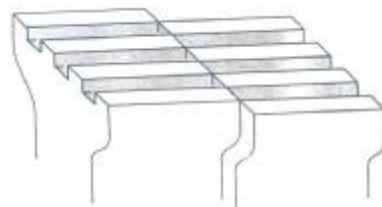
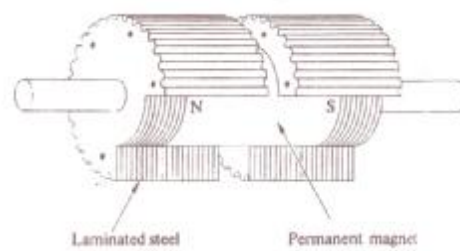
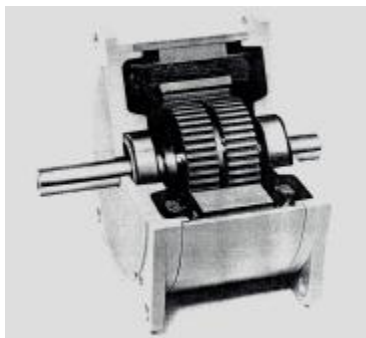


## Three-stacks hybrid stepping motor



5

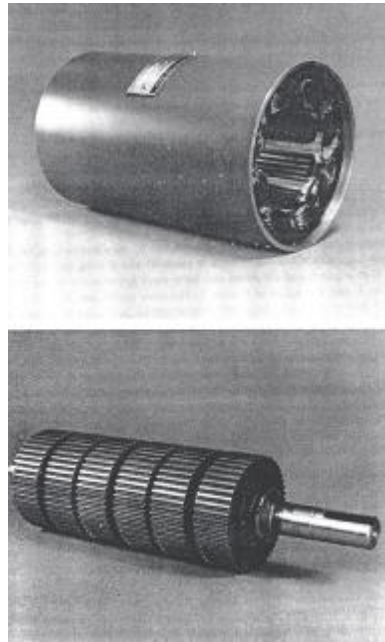
## Single-stack hybrid stepping motor



6

## Three-stacks hybrid stepping motor

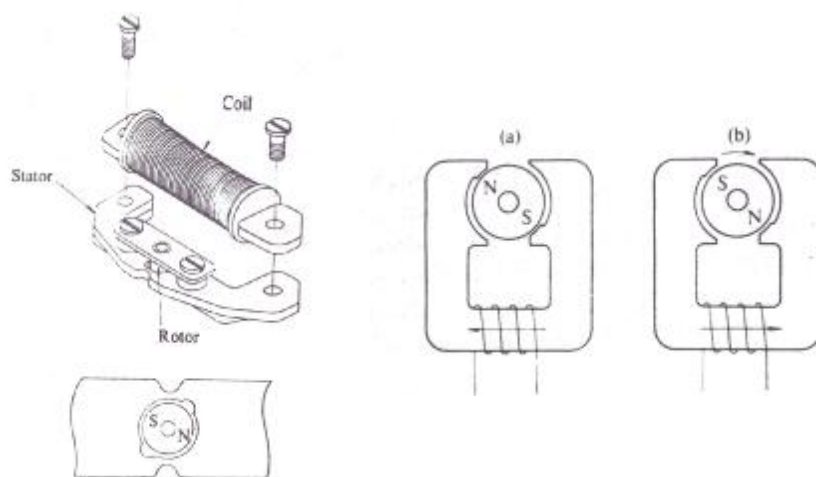
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7

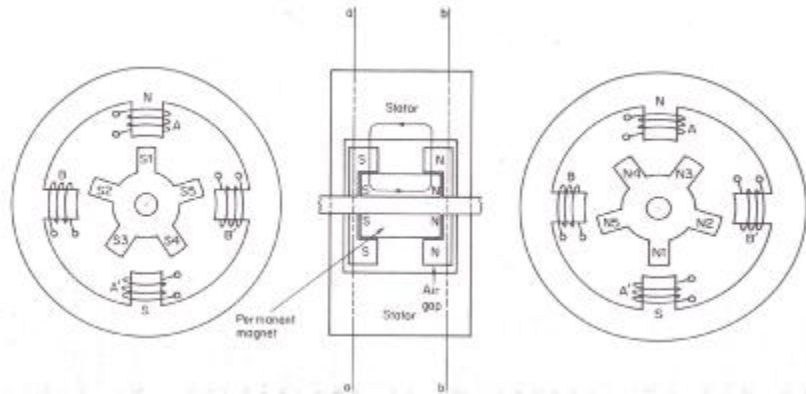
## Single-phase stepping motor (watch)

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8

## Single-stack hybrid stepping motor



9