

## Debut of light load braking / holding brake. It also capable of overload protection (slip mechanism).

### ● Small brake in clutch size

It adopts our own spring brake method, not friction brake with plate.

### ● Quiet design (Idling)

With the internal clutch mechanism, there is no sliding noise during idle caused by friction plate.

### ● Custom setting of 0.05 to 0.2 N · m is possible

Custom setting of brake torque (0.05 to 0.2 N · m) is possible, it corresponds to a wide range of applications.

### ● Improvement of work efficiency by easy installation

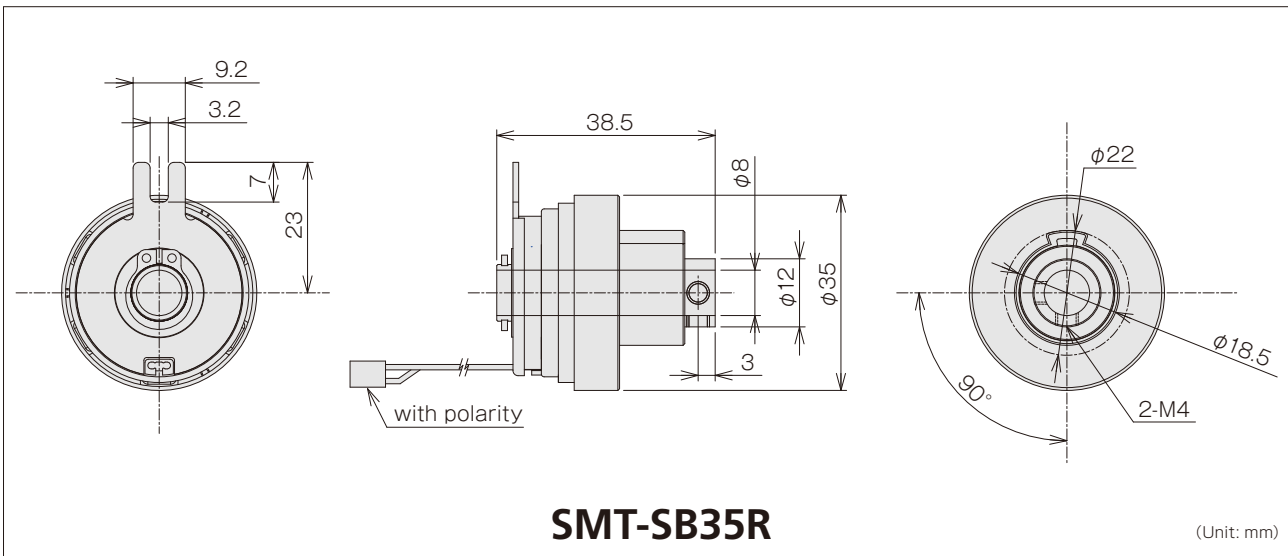
Easy to install with screws only.  
It is unnecessary to adjust the gap by part disassembly at the time of installation.

### ● Work with irregular overload

With the slipping mechanism, it can be used as a protection device for the drive unit.  
Also, forcible operation at the time of power failure is realized by the same mechanism.  
\*The method depends on usage.



### ■ Dimensions



Item name	Spring brake
Type	SMT-SB35R
Operation	Non-excitation operation
Dimension	38.5 × φ35 (mm) However, the rotation stopper is omitted
Brake torque setting	0.05, 0.1, 0.15, 0.2N·m (0.5, 1.0, 1.5, 2.0kgfcm)
Operating voltage	DC24 (V)
Power consumption	3.0 (W)
Input method	Shaft
Direction of rotation	Both CW and CCW

\* The shape, specification etc are subject to change without prior notice.

#### Application

- Braking, holding brake (normally used)
- Position holding and overload protection device of robot arm, etc.
- Maintaining the stop position of electric curtain and window blind, and forced operation at power failure