

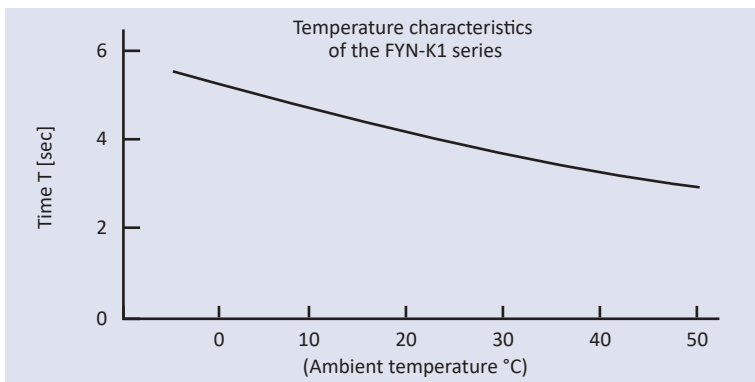


### SPECIFICATIONS

Model	Max Torque	Reverse Torque	Damping Direction
FYN-K1-R403	4 Nm (40kgfcm)	1 Nm (10kgfcm)	Clockwise

Max Angle	Weight	Body and Cap Material	Rotor (Shaft) Material	Oil Type
108°	33±3g	Polybutylene terephthalate (PBT)	Polyphenylene sulphide (PPS)	Silicone Oil

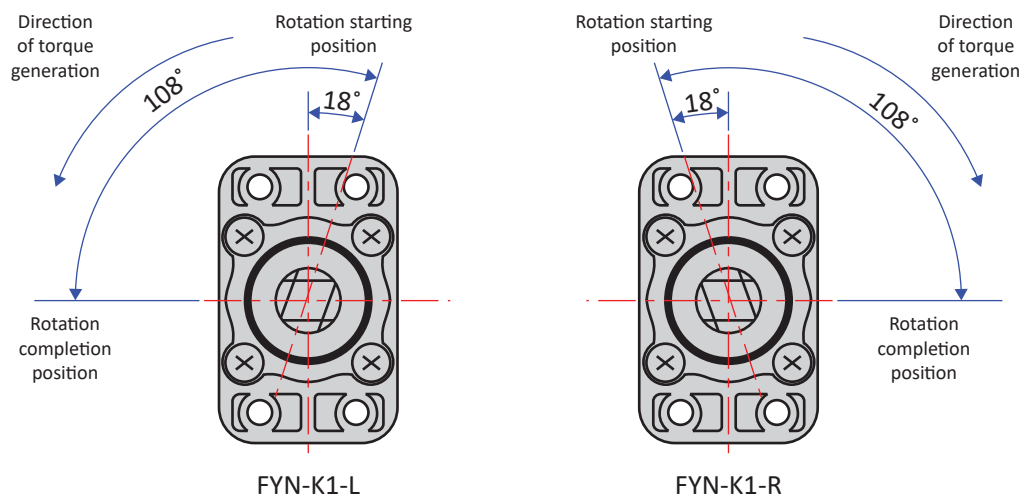
### DAMPING CHARACTERISTICS



■ Damper characteristics vary according to the ambient temperature. In general, the damper characteristics become weaker as the temperature increases, and become stronger as the temperature decreases. This is because the viscosity of the oil inside the damper varies according to the temperature. When the temperature returns to normal, the damper characteristics will return to normal as well. The changes in the time it takes for the lid to close are shown in the graph to the left.

■ The damper's working angle is 108° with respect to the attachment flange, as shown to the right. Please determine where to attach it according to your needs.

Also, rotating the damper beyond this angle will cause damage to the damper. Please ensure that an external stopper is in place.



- The FYN-K1 series is a fixed type; its torque is non-adjustable. However, a customized order for a torque between the range of 5 ~ 10Nm is possible by changing the oil viscosity.
- The direction in which torque is generated varies according to the model. Please select the appropriate model for your purpose.