Bansbach easylift

Silicone

Oil

		SPECIFICATIONS					
		Model		Rated Torque		Max Rotation Speed	Max Cycle Rate
		FRT-N1-182		(180±36)X10 ⁻³ Nm (1800±360gfcm)		50 RPM	10 cycles/ min.
Operating Temperature	Weight		Body & Cap Material		Rotating Shaft Material		Oil Type

0~50°C 8.2g Polyacetal Polyacetal

Note 1) Rated torque measured at a rotational speed of 20 rpm at 23°C Note 2) Torque can be customized by changing the oil viscosity

DAMPING CHARACTERISTICS



- Speed characteristics: A rotary damper's torque varies according to the rotation speed. In general, as shown in the graph to the left, the torque increases as the rotation speed increases, and the torque decreases as the rotation speed decreases. In addition, please note that the starting torque slightly differs from the rated torque.
- Temperature characteristics: A rotary damper's torque varies according to the ambient temperature. In addition, as shown in the graph to the left, the torque decreases as the ambient temperature increases, and the torque increases as the ambient temperature decreases. This is because the viscosity of the silicone oil inside the damper varies according to the temperature. When the temperature returns to normal, the torque will return to normal as well.