FRT-K2-103
Rotary Damper

Bansbach easylift®



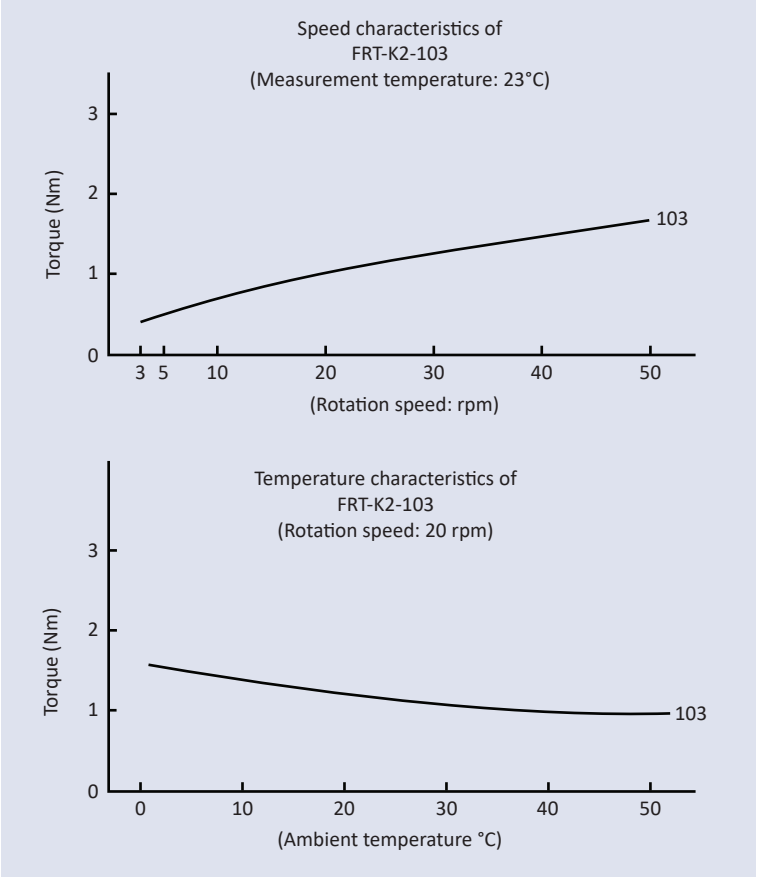
SPECIFICATIONS

Model	Rated Torque	Damping Direction	Max Rotation Speed	Max Cycle Rate
FRT-K2-103	1.0±0.2Nm (10±2kgfcm)	Both directions	50 RPM	10 cycles/ min.

Operating Temperature	Weight	Body & Cap Material	Rotating Shaft Material	Oil Type
0 ~ 50˚C	78.3g	Polycarbonate + glass fiber composite	Metal (SUS)	Silicone Oil

Note 1) Rated torque measured at a rotation speed of 20rpm at 23°C
Note 2) Torque can be customized by changing the oil viscosity
Note 3) Dampers with gear can also be custom ordered

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.

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BANSBACH EASYLIFT:

B0N0N40-210-473-270N FFD-25SS-R103 FK-1210H-S H0N0F42-150-347-270N H0N0F42-300-647-1110N
B0N0N40-200-462-065N K0N0BK2-510-1095-180N W4W4-96-075-255--001/000N V0V0N56-100-230-135N
K0N0KK2-150-460-890N K0N0KK2-200-589-1110N A0A0N40-210-473-580N D0M0ZF3-100-195-180N
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