FFD-30FS-R502
Rotary/Friction Damper

Bansbach easylift®



SPECIFICATIONS

Model	Max Torque	Max Reverse Torque	Max Rotation Speed
FFD-30FS-R502	0.5±0.05 Nm (5±0.5 kgfcm)	Clockwise	30 RPM

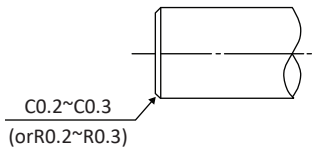
Max Cycle Rate	Operating Temperature	Weight	Body & Cap Material	Cap Color
13 cycles/min.	-10 ~ 60˚C (90%RH)	17±2g	POM	Black

* Rated torque is measured at a rotation speed of 20rpm at 20-25°C

HOW TO USE THE DAMPER

1. The damper generates torque in both the clockwise and counter-clockwise directions. (A one-way clutch is built in inside the damper.)

2. Please make sure that the shaft attached to a damper has a bearing, as the damper itself is not fitted with one.

Shaft's external dimensions	Ø10 $^{0}_{-0.03}$
Surface hardness	HRC55 or higher
Quenching depth	0.5mm or higher
Surface roughness	1.0Z or lower
Chamfer end (Damper insertion side)	

3. It can be used as a free-stop for a load that is smaller than the rated torque.

4. Please refer to the recommended dimensions in the chart when creating a shaft for attachment to the damper. Using a shaft outside of the recommended dimensions may cause the shaft to slip out.

5. To insert a shaft into the damper, insert the shaft while spinning it in the opposite direction of the damper's direction of torque generation. (Do not force the shaft in from a regular direction. This may damage the built-in oneway clutch.)

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BANSBACH EASYLIFT:

B0N0N40-200-462-065N D0M0N45-203-480-1555N D3D3XB1-100-310/000N H0N0N42-410-862-445N
K0N0BK2-305-685-1110N A0A0N40-140-349-270N B0N0F40-200-455-225N D0M0ZF3-305-400-180N
D0M0ZF3-305-400-355N H0N0F42-400-847-110N K0N0BK2-510-1095-180N B0N0N40-210-473-270N
D0M0ZF3-100-195-355N H0N0F42-300-647-1110N D0M0F55-150-362-890N H0N0F42-150-347-270N
K0N0BK2-100-280-355N V0V0N56-100-230-225N W4W4-96-075-255--001/000N A0A0N40-210-473-580N
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K0N0KK2-200-589-1110N V0V0N56-100-230-135N