

Stepping into the open-loop control signal can be pulsed at a high holding torque stops that are characterized by excellent high resolution and positioning control, vibration and noise can cite as a weakness.

Appear to reduce the vibration motor shaft, can be attached to my com low cost and easy Fine Damper can be solved by using.



Fine Damper Kits

Features

To restrain the vibration of the motor speed range from low speed ■

Step out to avoid vibration ■, maximize performance with the motor torque-speed

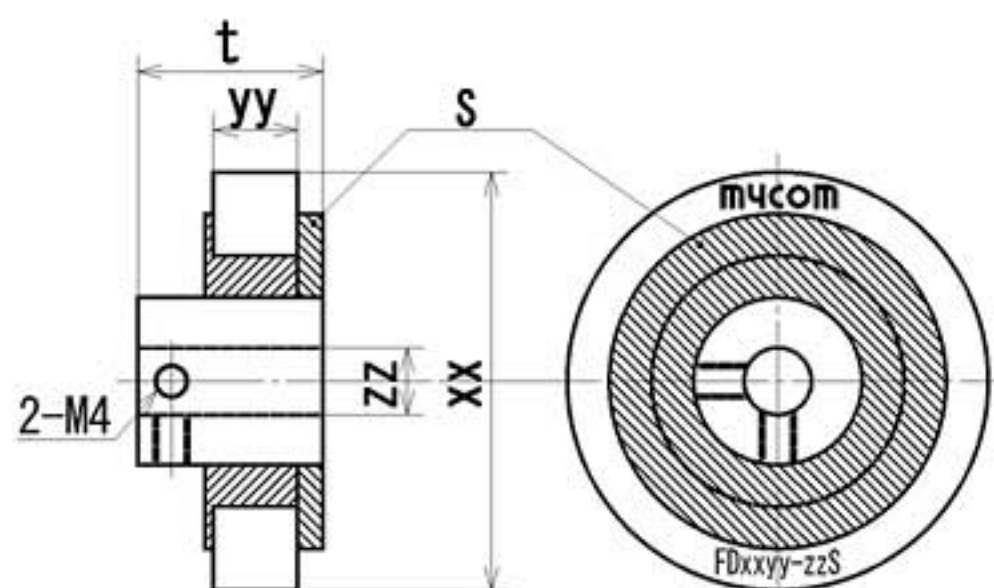
Phase 2 ■ / 42 □ in-line five-phase stepper motor compatible with a wide range of 85 □

A package of all six damper ■ "Fine Damper Kits"

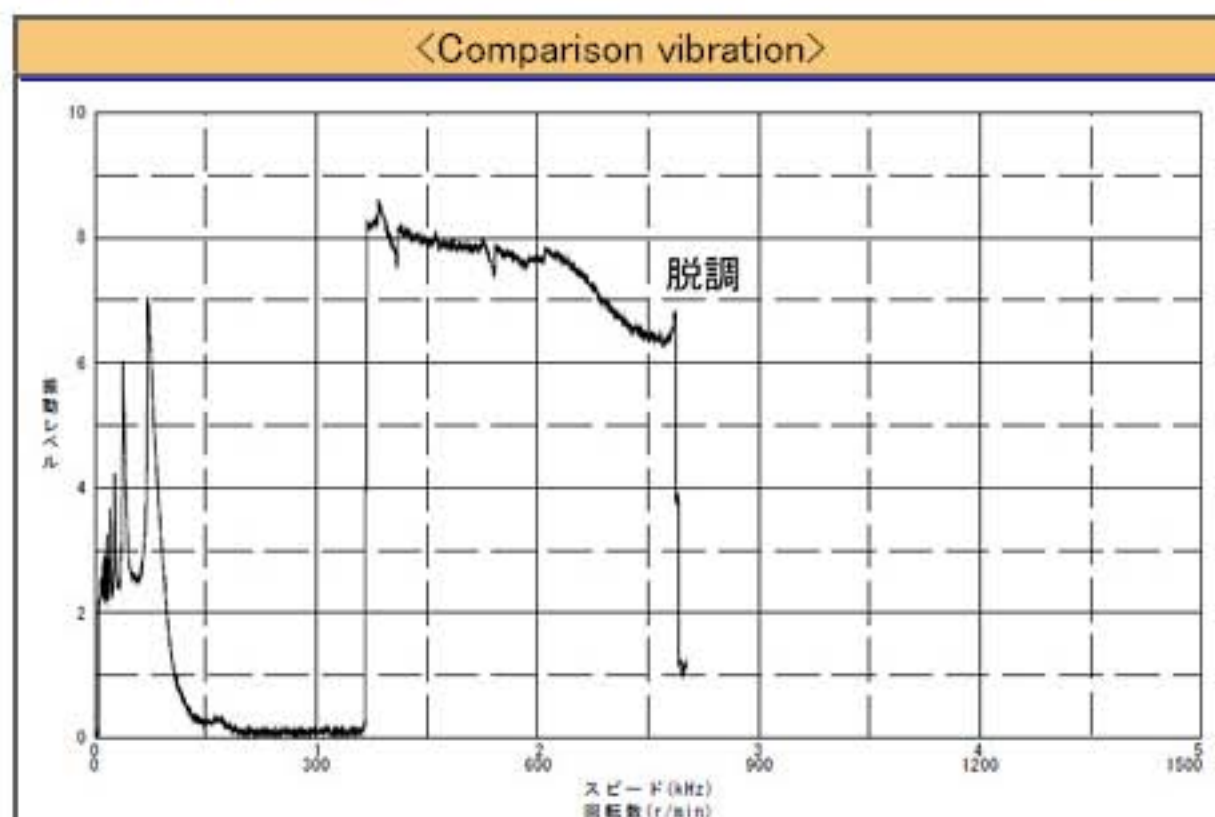
<Type damper / motor for all>

Motor adaptation		Damper Model					
Phase	Size	FD4015			FD5010		FD6010
		-5	-6	-8	-6S	-8S	-14S
Phase 2	□42	●					
	□56		●		●		
	□85						●
Phase 5	□42	●					
	□60			●		●	
	□85						●

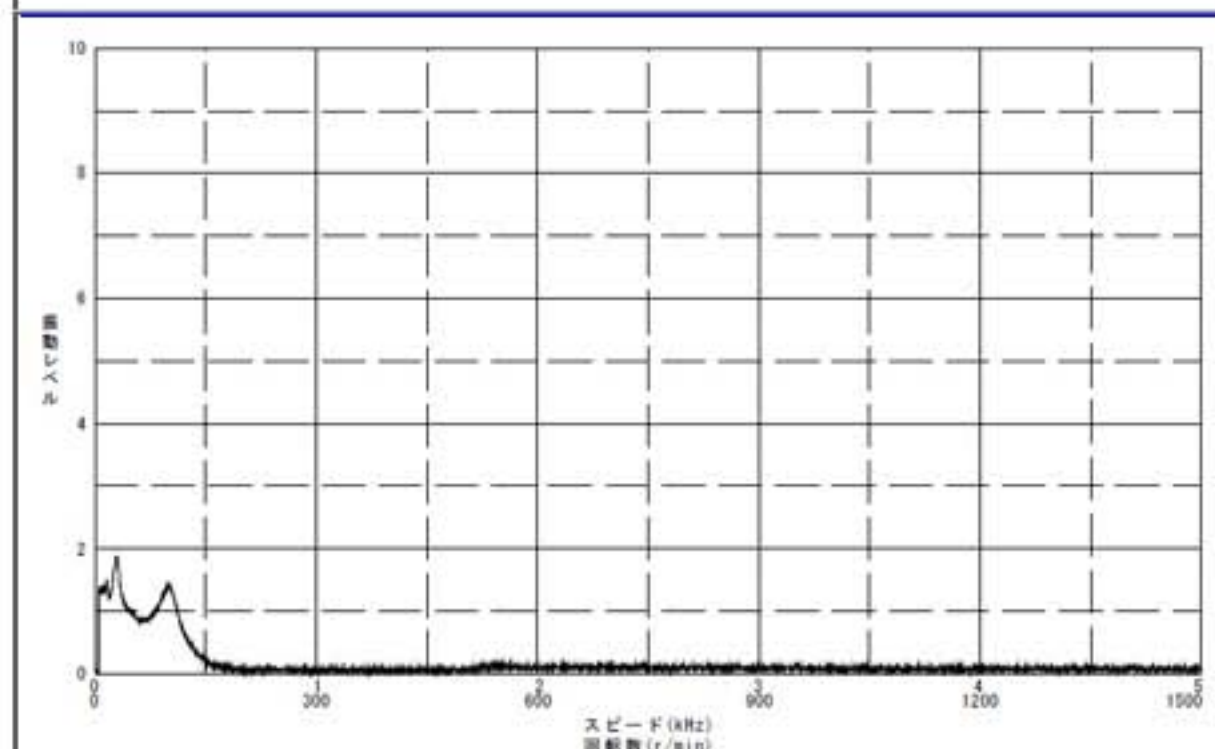
Damper Model Description	
"FD xx yy - zz □"	
FD	Series (Fine Damper)
xx	Diameter of the inertia (Mm)
yy	Thickness of inertia (Mm)
zz	Motor shaft diameter (Mm)
□	S: with rubber sides None: No rubber side



Damper Model Link (Dimensions)	Moment of inertia (G · cm ²)	Diameter ϕ (Mm)	xx (Mm)	yy (Mm)	zz (Mm)	t (Mm)	Mass (G)
FD4015-5	276	5	40	15	5	22	120
FD4015-6	276	6.35	40	15	6.35	22	120
FD4015-8	276	8	40	15	8	22	120
FD5010-6S	439	6.35	50	10	6.35	22	124
FD5010-8S	439	8	50	10	8	22	124
FD6010-14S	966	14	60	10	14	22	190



"Not when mounted damper velocity - vibration."



"Fine Damper when installing speed - vibration."

(Click on the picture to enlarge each characteristic)