

# Reference Table for the Selection of a Rotary Damper/Vane Damper/Customizable Torque Chart for Rotary Dampers

## Reference Table for the Selection of a Rotary Damper/Vane Damper

※Lid's mass M.....1.4kg Dimensions of the lid L.....36cm Selected model : FYN-N1 L (Dimensions of the lid) (cm)

M (kg)	20	25	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60
0.05																		
0.06																		
0.07																		
0.08																		
0.09																		
0.1																		
0.2																		
0.3																		
0.4																		
0.5																		
0.6																		
0.7																		
0.8																		
0.9																		
1.0																		
1.2																		
1.4																		
1.6																		
1.8																		
2.0																		
3.0																		
4.0																		
5.0																		
6.0																		
7.0																		
8.0																		
9.0																		
10.0																		
11.0																		
12.0																		
13.0																		
14.0																		
15.0																		
16.0																		
17.0																		
18.0																		
19.0																		
20.0																		

Examples of Selection

◆ How to use the table: Find the lid's mass (M) on the y-axis and the dimensions of the lid (L) on the x-axis.

◆ This table should be used as a general guideline. The model selected based on this table is only a suggestion.

## Customizable Torque Chart for Rotary Dampers

(Unit : N · m)

Torque	1×10 <sup>-3</sup>	5×10 <sup>-3</sup>	10×10 <sup>-3</sup>	50×10 <sup>-3</sup>	100×10 <sup>-3</sup>	500×10 <sup>-3</sup>	1	2	3	4
Series										
FRT-E2 · E9	●	●	●	●	●	●	●	●	●	●
FRT-G2	▲	●	●	●	●	●	●	●	●	●
FRT-C2			▲	●	●	●	●	●	●	●
FRN-C2			▲	●	●	●	●	●	●	●
FRT-D3				●	●	●	●	●	●	●
FRN-D3				●	●	●	●	●	●	●
FRT-S1			▲	●	●	●	●	●	●	●
FRT-N1				▲	●	●	●	●	●	●
FRT-L1				▲	●	●	●	●	●	●
FRT-K2						▲	●	●	●	●
FRN-K2						▲	●	●	●	●
FRT-F2							▲	●	●	●
FRN-F2							▲	●	●	●

Note) ● indicates standard torque ▲ stands for a made to order torque range. Be sure to confirm before selecting.



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