

# Q&A

Question:

**How much weight can V-Z- $\theta$  Actuator lift?**

It depends on the types of Actuator, and Screw Lead.

Please kindly refer to below chart when choosing your appropriate V-Z- $\theta$  Actuator.

(In this chart shows Rated Weight Capacity for Z-axis)

Actuator Type	Shaft Dia. (mm)	Thread Lead (mm)	Maximum weight Capacity (N)
Direct Drive Type	$\phi 6$	6	7
		10	5
	$\phi 8$	5	50
		10	25
Hybrid Drive Type	$\phi 6$	10	5
Belt Drive Type	$\phi 4$	4	5
	$\phi 6$	10	10
	$\phi 8$	10	10

■ Note:

\*V-Z- $\theta$  Actuator can carry load in only axial direction.

\*Actuator cannot carry load in radial direction.

\*V-Z- $\theta$  Actuator (Z-axis) does not have brake device. Z-axis may fall when power-off.

【Direct Drive Type】



【Hybrid Drive Type】



【Belt Drive Type】



Weight capacity are different  
by types of Actuators +  
shaft dia. and thread lead!