

2 Check Motion

ROBO Cylinders are used for one of the following four motions:
Select the shape type for the desired motion.

Motion	Example Usage	Requirements	Shape Type	
1 Position 		<ul style="list-style-type: none"> Move a workpiece horizontally Move a long distance 	Slider Type 	See page Pre-15
		<ul style="list-style-type: none"> Move a workpiece vertically Transport a workpiece with a chuck 	Rod Type 	See page Pre-17
		<ul style="list-style-type: none"> Move a workpiece vertically Moment load is applied 	Table Type 	See page Pre-20
		<ul style="list-style-type: none"> Transport light loads at a high speed 	Linear Servo Type 	See page Pre-22
2 Push 		<ul style="list-style-type: none"> Push and hold a workpiece Press-fit a workpiece 	Rod Type 	See page Pre-17
3 Grip 		<ul style="list-style-type: none"> Grip and pick up a workpiece Center a workpiece 	Gripper Type 	See page Pre-23
4 Rotate 		<ul style="list-style-type: none"> Reorient a workpiece Set fine positions for indexing 	Rotary Type 	See page Pre-24