ROBO Cylinders® are available in seven series and can be categorized by three types of motors.

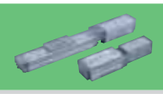
Controller Categories

Positioner Type	Program Type	Network Type
Operated by specifying the target position number from an external I/O interface. No programming is necessary.	Operated by inputting programs. Advanced controlling is possible, such as synchronous operation of two axes, and communication with external devices.	Supports operation on a field network or by serial communication. Operate a large system or multiple axes with less wiring.
PMEC / AMEC / PSEP / ASEP / PCON / ACON / ERC2 / SCON	PSEL / ASEL / SSEL / XSEL	RPCON / RACON

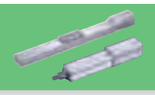
Pulse Motor

Affordably priced, excellent for push operation and complete stops.
Delivers high output at low speeds.

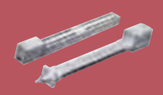
RCP3 Series — High maintainability, low price
Isolated motor for easy replacement



RCP2 Series — Standard models with pulse motor
High-speed/high-rigidity/high-thrust



ERC2 Series — Controller-Integrated Type
Low price.



Compatible Controllers

Power/Voltage / Positioning Points / Operating Method

PMEC	PSEP	PCON	RPCON	PSEL
P477	P487	P525	P503	P557
				
Single-phase AC100/200V	DC24V	DC24V	DC24V	DC24V
3 points	3 points	512 points	768 points	1500 points
Positioner	Positioner	Positioner	Network	Programs

Power/Voltage / Positioning Points / Operating Method

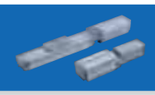
Built-in controller
P515

DC24V
64 points
Positioner

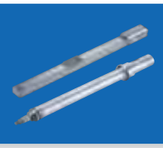
Servo Motor

Excellent for high-speed operations, with low noise.

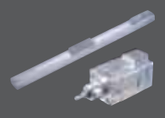
RCA2 Series — High maintainability, low price
Isolated motor for easy replacement



RCA Series — Installs the same way as an air cylinder
A wide variety of 24V models



RCS2 Series — For high speeds and heavy loads
Operates at 100V/200V for high output



Power/Voltage / Positioning Points / Operating Method

AMEC	ASEP	ACON	RACON	ASEL
P477	P487	P535	P503	P567
				
Single-phase AC100V	DC24V	DC24V	DC24V	DC24V
3 points	3 points	512 points	768 points	1500 points
Positioner	Positioner	Positioner	Network	Programs

Power/Voltage / Positioning Points / Operating Method

SCON	SSEL	XSEL
P547	P577	P587
		
Single-phase AC100/200V	Single-phase AC100/200V	Three-phase AC200V
512 points	20000 points	20000 points
Positioner	Programs	Programs

Linear Motor

High-speed operation with outstanding acceleration/deceleration.

RCL Series — For high speed, high acceleration/deceleration
Accelerates/decelerates at up to 2G

Power/Voltage / Positioning Points / Operating Method

AMEC	ASEP	ACON	RACON	ASEL
P477	P487	P535	P503	P567
				
Single-phase AC100V	DC24V	DC24V	DC24V	DC24V
3 points	3 points	512 points	768 points	1500 points
Positioner	Positioner	Positioner	Network	Programs