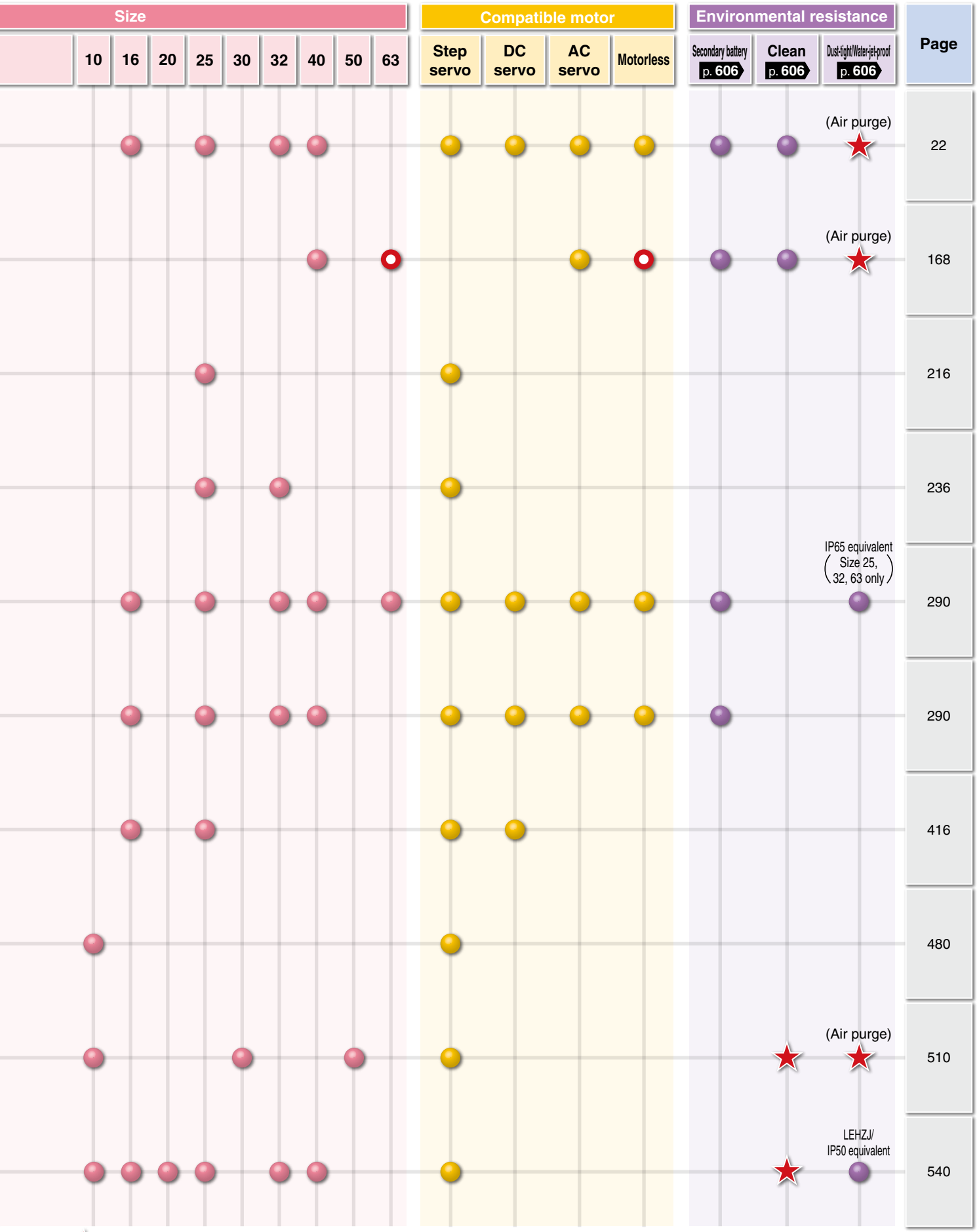
## A Wide Variety for Different Models LE□ Series

| | Series | | Drive method | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Screw | | Ball screw | Belt | 6 | 8 |
| | | | Ball | Slide | | | | |
| Slider | LEF Series | LEFS, LEFB | | | Stroke Up to 1200 mm | Stroke Up to 3000 mm | | |
| | LEJ Series High rigidity | LEJS (-M), LEJB | | | Stroke LEJS Up to 1500 mm LEJS-M Up to 1790 mm | Stroke Up to 3000 mm | | |
| | LEL Series Guide rod | | | | | Stroke Up to 1000 mm | | |
| | LEM Series Low profile | LEMB, LEMC, LEMH, LEMHT | | | | Stroke Up to 2000 mm | | |
| Rod | LEY Series | | Stroke Up to 800 mm | | | | | |
| | LEYG Series Guide | | Stroke Up to 300 mm | | | | | |
| Slide Table | LES/LESH Series | LES, LESH | | Stroke Up to 150 mm | | | | |
| Miniature | LEP Series | LEPY, LEPS | | Stroke Up to 75 mm | | | | |
| Rotary Table | LER Series | LER, LER-1 | Worm gear | | | | | |
| Gripper | LEH Series | LEHZ, LEHZJ, LEHF, LEHS | | | | | | |




★··· Available as a special product. Please contact SMC. ◎··· Available with intermediate supports (Size 63 only)

# Controllers/Drivers JXC□/LEC□ Series

| Controller/ Driver series | Compatible motor | | | Control method | | | Application/Function | | Compatible option | | Page |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Step 24 VDC | Servo 24 VDC | AC servo | Positioning | Pulse | Network direct input | Synchronous | Absolute | Teaching box | Network gateway unit | |
| Controller (24 VDC) **JXC51/61 Series** | ● | | | 64 points | | | | | ● | | 684 |
| Controller (24 VDC) **LECA6 Series** | | ● | | 64 points | | | | | ● | ● | |
| Programless Controller (24 VDC) **LECP1 Series** | ● | | | 14 points | | | | | | | |
| (With Stroke Study) Programless Controller (24 VDC) **LECP2 Series** | ● | | | 14 points (2 stroke end points, 12 intermediate points) | | | | | | | |
| Pulse Input Type Step Motor Driver (24 VDC) **LECPA Series** | ● | | | | ● | | | | ● | | |
| EtherCAT® EtherNet/IP™ PROFINET DeviceNet™ IO-Link Direct Input Type Step Motor Controller (24 VDC) **JXC□ Series** | | | | | | | | | | | |
| **JXCE1 Series** EtherCAT / **JXC91 Series** EtherNet/IP | ● | | | 64 points | ● | ● | | | ● | | |
| **JXCP1 Series** PROFINET / **JXCD1 Series** DeviceNet | ● | | | 64 points | ● | ● | | | ● | | |
| **JXCL1 Series** IO-Link / **JXCM1 Series** CC-Link | ● | | | 64 points | ● | ● | | | ● | | |

Teaching Box p. 761
**LEC-T1**

Gateway Unit **LEC-G Series** p. 684
CC-Link V2 DeviceNet PROFIBUS EtherNet/IP

## Multi-Axis Controllers JXC□3 Series

| Multi-axis controller series | Compatible motor: Step 24 VDC | Compatible motor: Servo 24 VDC | Compatible motor: AC servo | Control method: Positioning | Control method: Pulse | Control method: Network | Application/Function: Speed tuning | Application/Function: Absolute | PC: · Setting · Monitor · Test | Page |
|---|---|---|---|---|---|---|---|---|---|---|
| EtherNet/IP™ Direct Input Type, For 3 axes, **JXC92 Series** | ● | ● | ● | 2048 points | | EtherNet/IP™ | ∗1 | | ● | 684 |
| Parallel I/O Type, For 4 axes, **JXC73 Series** **JXC83 Series** | ● | ● | ● | 2048 points | | | ∗1 | | ● | |
| EtherNet/IP™ Type, For 4 axes, **JXC93 Series** EtherNet/IP™ | ● | ● | ● | 2048 points | | EtherNet/IP™ | ∗1 | | ● | |

∗1 This control is not for position synchronization.

## AC Servo Motor Drivers for Electric Actuators LECS□/LECS□-T/LECY□ Series

| AC servo motor driver series | Compatible motor: 100 W | 200 W | 400 W | 750 W | Control method: Positioning∗1 | Pulse | Network direct input | Application/Function: Synchronous∗2 | Pushing operation∗4 | Compatible option: Setup software | Page |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Incremental Type: Pulse Input Type/ Positioning Type **LECSA Series** | ● | ● | ● | | Up to 7 points | ● | | | | LEC-MRC2 | Web Catalog |
| Absolute Type: Pulse Input Type **LECSB Series** | ● | ● | ● | | | ● | | | | LEC-MRC2 | |
| Absolute Type: CC-Link Direct Input Type **LECSC Series** CC-Link | ● | ● | ● | | Up to 255 points | | CC-Link Ver. 1.10 | | | LEC-MRC2 | |
| Absolute Type: SSCNET Ⅲ Type, Compatible with Mitsubishi Electric's servo system controller network **LECSS Series** SSCNETⅢ | ● | ● | ● | | | | SSCNET Ⅲ | ∗2 | ∗4 | LEC-MRC2 | |
| Absolute Type: Pulse Input Type/ Positioning Type **LECSB-T Series** | ● | ● | ● | ● | Up to 255 points | ● | | | ∗4 | LEC-MRC2 | |
| Absolute Type: CC-Link Direct Input Type **LECSC-T Series** CC-Link | ● | ● | ● | ● | Up to 255 points | | CC-Link Ver. 1.10 | | | LEC-MRC2 | |
| Absolute Type: Network card type **LECSN-T Series** PROFINET EtherCAT EtherNet/IP™ | ● | ● | ● | ● | ∗5 Up to 255 points | | PROFINET EtherCAT EtherNet/IP™ | | | LEC-MRC2 | |
| Absolute Type: SSCNET Ⅲ/H Type, Compatible with Mitsubishi Electric's servo system controller network **LECSS-T Series** SSCNETⅢ/H | ● | ● | ● | ● | | | SSCNET Ⅲ/H | ∗2 | ∗4 | LEC-MRC2 | |
| Absolute Type: **LECYM Series** MECHATROLINK-Ⅱ | ● | ● | ● | ● | | | MECHATRO LINK-Ⅱ | ∗3 | | SigmaWin+™ | |
| Absolute Type: **LECYU Series** MECHATROLINK-Ⅲ | ● | ● | ● | ● | | | MECHATRO LINK-Ⅲ | ∗3 | | SigmaWin+™ | |

∗1 For positioning types, the settings need to be changed in order to use the max. set values. Setup software (MR Configurator2™) LEC-MRC2 is required.
∗2 Available when a Mitsubishi motion controller is used as the master
∗3 Available when a motion controller is used as the master
∗4 The LECSB2-T is only applicable when the control method is positioning. The point table is used to set the pushing operation settings. To set the pushing operation settings, an additional dedicated file (pushing operation extension file) must be downloaded separately to be used with the setup software (MR Configurator2™: LEC-MRC2□). Please download this dedicated file from the SMC website: https://www.smcworld.com/
When selecting the LECSS or LECSS2-T, combine it with a master station (such as the Simple Motion module manufactured by Mitsubishi Electric Corporation) which has a pushing operation function.
∗ For customer-provided PLC and motion controller setting and usage instructions, confirm with the retailer or manufacturer.
∗5 The LECSN-T only supports PROFINET and EtherCAT.

## Card Motor LAT3 Series

| Series | | | Compatible motor | Resolution | Stroke 10 | Stroke 20 | Stroke 30 | Stroke 50 | Page |
|---|---|---|---|---|---|---|---|---|---|
| LAT3□ | Linear guide with circulating balls |  | Moving magnetic type linear motor | 1.25 µm | ● | ● | ● | ● | 940 |
| | | | | 5 µm | | | | ● | |
| | | | | 30 µm | ● | ● | ● | | |

| Controller series | | Compatible motor | Control method | Compatible actuator | Page |
|---|---|---|---|---|---|
| Controller (24 VDC) LATCA |  | Moving magnetic type linear motor | Pulse input Positioning 15 points | Card Motor LAT3 Series  | 957 |