

Single Actuator LX45

Motor Adapter Plates / Motor Adapter Centering Tools



Linear Actuators

A4538 Servo 38 Sq. 	A4540 Servo 40 Sq.
MA4560 Servo 60 Sq. 	A4560 Servo 60 Sq.
E4540 Servo 40 Sq. 	E4555 Servo 55 Sq.
T4560 Stepping 60 Sq. 	T4585 NEMA 34 Stepping 85 Sq.
T4556.4 NEMA 23 Stepping 56 Sq. 	F No Motor Bracket Type

Motor Adapter Centering Tools

JIGLX45

Material: 5056 Aluminum Alloy
Surface Treatment: White Anodize

Use for centering of Motor Adapter Plates.

Part Number	D	Corresponding Attachments	d	D ₁	d ₁	L	T	l
JIGLX45	30	A4538 / A4540	15	25	10	62	22	20
	50	A4560 / MA4560	15	25	10	61.5	13.5	20
	36	T4560	15	25	10	62	22	20

Part Number Example

Part Number - D
JIGLX45 - 30

Application Example

Lubrication Unit MX-Equipped

Patented

Special Polyurethane
Case

Built-in Deep Groove Bearings
Bearings Built-in

Built-in Angular Contact Bearing

MX
Maintenance Free

Ⓢ Provides long term maintenance-free operation. For details, see P519.



Single Axis Actuator LX45

Sensor Sets

Linear Actuators

Proximity Sensor Type (SUNX) Set Part Specification

LX Part Numbers	Code (Is Sensor Qty.) * Up to 3 Sensors	Sensor Type/Qty.		Sensor Rail		Sensor (*Qty per Sensor Included)		Sensor Flag	
		GX-F12A (ON When Near)	GX-F12B (ON When Away)	Rail (1 Pc.)	Mounting Screw (Pitch +1 Pc.)	Sensor Mounting Screws (1 Pc.)	Fixing Nut (1 pc.)	Sensor Flag (1 Pc.)	Sensor Flag Mounting Screw
LX45 __B	XA	_pc (s)	—	SENC3_H	SCB3-5	CBSST3-8	LBNR3	Dedicated	Flat Head Screw M3-5 (1 Pc)
LX45 __S	XB	—	_pc (s)						
LX45 __C-B	FA	_pc (s)	—						
LX45 __C-S	FB	—	_pc (s)						
LX45 __C-S	FAS	_pc (s)	—						
LX45 __C-S	FBS	—	_pc (s)						
LX45 __B	XW1	1 pc.	1 pc.		SCB3-5	CBSST3-8	LBNR3	Dedicated	Flat Head Screw M3-5 (1 Pc)
LX45 __S	XW2	2 Pcs.	2 Pcs.						
LX45 __S	XW3	2 Pcs.	1 pc.						
LX45 __C-B	FW1	1 pc.	1 pc.		SCB3-6	CBSST3-8	LBNR3	Dedicated	SCB3-6 (2 Pcs.)
LX45 __C-B	FW2	2 Pcs.	2 Pcs.						
LX45 __C-B	FW3	2 Pcs.	1 pc.						
LX45 __C-S	FWS1	1 pc.	1 pc.	SCB3-6	CBSST3-8	LBNR3	Dedicated	SCB3-6 (2 Pcs.)	
LX45 __C-S	FWS2	2 Pcs.	2 Pcs.						
LX45 __C-S	FWS3	2 Pcs.	1 pc.						

Photo Sensor Type (SUNX) Set Part Specification

LX Part Number	Photo Sensor	Sensor Rail		Sensor (*Qty Per Sensor Included)				Sensor Flag		Code (Is the number of Sensors) *Up to 3 Sensors	
		Rail (1 Pc.)	Mounting Screw (Pitch +1 Pc.)	Sensor Bracket	Bracket Mounting Screw Nut	Sensor Mounting Screw	Sensor Mounting Washer	Sensor Flag (1 Pc.)	Sensor Flag Mounting Screw		
LX45 __B	PM-L25	SENC3_H	SCB3-5	Dedicated	SCB3-6 (2 Pcs.) LBNR3 (2 Pcs.)	SCB3-6 (2 Pcs.)	M3 Small Flat Washer (2 Pcs.)	Dedicated	Flat Head Machine Screw M3-5 (1 pc.)	SP	
LX45 __S			SCB3-6						SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)
LX45 __C-B		SCB3-6	SCB3-6 (2 Pcs.)						SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)	MPS
LX45 __C-S		SCB3-6	SCB3-6 (2 Pcs.)						SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)

The Photo Sensor PM-L24 was discontinued and replaced by the next-generation product PM-L25 in April 2017.

Photo Sensor Type (Omron) Set Part Specification

LX Part Number	Photo Sensor	Sensor Rail		Sensor (*Qty Per Sensor Included)				Sensor Flag		Code (Is the number of Sensors) *Up to 3 Sensors	
		Rail (1 Pc.)	Mounting Screw (Pitch +1 Pc.)	Sensor Bracket	Bracket Mounting Screw Nut	Sensor Mounting Screw	Sensor Mounting Washer	Sensor Flag (1 Pc.)	Sensor Flag Mounting Screw		
LX45 __B	EE-SX951-R 1M	SENC3_H	SCB3-5	Dedicated	SCB3-6 (2 Pcs.) LBNR3 (2 Pcs.)	SCB3-6 (2 Pcs.)	M3 Small Flat Washer (2 Pcs.)	Dedicated	Flat Head Machine Screw M3-5 (1 pc.)	OP	
LX45 __S			SCB3-6						SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)
LX45 __C-B		SCB3-6	SCB3-6 (2 Pcs.)						SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)	EPS
LX45 __C-S		SCB3-6	SCB3-6 (2 Pcs.)						SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)	SCB3-6 (2 Pcs.)

* EE-SX911-R1M was discontinued and replaced by EE-SX951-R1M in April 2015.

Part Number Alterations

Part Number - Block Qty. - Motor Adapter Plates - Base Overall Length (L) - (Code)

LX4510 - B1 - A4540 - 590 - XW1

LX4520C - B1 - A4540 - 340 - EP2

Proximity Sensor Type Installation Drawings (SUNX)

Sensor Flag Material: 304 Stainless Steel
Plate Thickness: 1 mm

Photo Sensor Type Installation Drawings (SUNX / Omron)

Sensor Flag Material: 304 Stainless Steel
Plate Thickness: 1 mm

Cautions

- Sensor set is shipped with LX Actuator. (Assembly required)
- Please check for all included parts immediately after unpacking.
- Please handle the products with great care.

- Ⓢ Please access each sensor manufacturer's website for the specifications of sensors in use.
- Ⓢ For L=390, 490, 590, mounting of sensor rail is enabled only in the direction shown on the above drawing.