



Motor Adapter Plate Dimensional Drawing

Note: Note that the Motor Adapter protrudes beyond the rail at * marked area.

A2025 Servo
□25

A2028 Servo
□28

A2038 Servo
□38

A2040 Servo
□40

E2040 Servo
□40

T2042 Stepping
□42

T2028 Stepping
□28

T2056.4 Stepping
□56.4

F No Motor Bracket Type

Servo Motor Application Table

Part Number	Flange Size	Manufacturer	Product Number	Wattage	Recommended Coupling
A2025	□25	Yasukawa Electric Corporation	SGMMJ-A1	10W	SCPW16 (P.1076)
			SGMMJ-A2	20W	
			SGMMJ-A3	30W	
A2028	□28	Mitsubishi Electric Corporation	HG-AK0136	10W	SCPW16 (P.1076)
			HG-AK0236	20W	
			HG-AK0336	30W	
A2038	□38	Panasonic	MSMD5A	50W	CPDT19 (P.1075)
			MSME5A	100W	
			MSMD01*		
			MSME01*		
A2040	□40	Yasukawa Electric Corporation	SGMJV-A5	50W	SCPW16 (P.1076) CPDT19 (P.1075)
			SGMAH-A5		
			SGMAS-A5		
			HG-MR053		
		Mitsubishi Electric Corporation	HG-KR053	50W	
			HF-KP053		
		Sanyo Denki Co., Ltd.	Q1AA04003D	50W	
			Q1AA04005D		
Omron Corporation	R88M-K05030	50W			
	MV-M05				
Keyence Corporation	SV-M005	50W			
E2040	□40	SIEMENS	1FK7011-5	100W	CPDW19 (P.1075)
			1FK7015-5		

Stepping Motor Application Table

Part Number	Flange Size	Manufacturer	Product Number	Type	Recommended Coupling
T2028	□28	Oriental Motor	CSK22	2-phase	SCPW16 (P.1076)
			CSK52	5-phase	
			ASC3*	αStep	
			AR2 (ARM)		
			PK24*	2-phase	
T2042	□42	Oriental Motor	CSK24	2-phase	SCPW16 (P.1076)
			RK54	5-phase	
			RKS54*/PK54*	5-phase	
T2056.4	□56.4	NEMA standards	NEMA23	αStep	CPDW19 (P.1075)

*NEMA standards is a set of standards stipulated by National Electrical Manufacturers Association of United States.
*Not compatible with geared motors made by Oriental Motor.

*Product numbers and specifications of motors are subject to change. Please check the manufacturers' information.
*Applicable motors and couplings are not limited to the above listed products. Please confirm each mounting dimension.

JIGLX20

Material: A5056
Surface Treatment: Clear Anodize

Motor Mounting Example

Secure included Motor Adapter to the motor.
*Motor, coupling and motor mounting screws are not included.

Part Number	D	Applicable Adapter Plate	d	D1	d1	L	T	ℓ	Unit Price 1 - 5 pcs.
JIGLX20	20	A2028	8	15	4	43	17	10	
	30	A2038/A2040	8	15	4	47	13	10	

Ordering Example: Part Number - D
JIGLX20 - 20

Proximity Sensor (SUNX) - Set Part Specification

LX Part Number	Code (□ is Sensor Qty.) *For Ls100, Max. 2 For Ls150, Max. 3	Sensor Type/Qty.		Sensor Rail		Sensor (* Qty per Sensor Included)		Sensor Flag		Unit Price (L≤150)			Unit Price (L≥200)			
		GX-FBA (ON when near)	GX-FBB (ON when away)	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	1 pc.	2 pcs.	3 pcs.	1 pc.	2 pcs.
LX20□□	XA	□ pc(s).	-	SENAT3□H	SCB3-6	CBSST3-10	LBNR3	Dedicated	Flat Head Machine Screw M2.6-4 (1 pc.)							
LX20□□C	XB	□ pc(s).	-							SCB3-6 (2 pcs.)						
LX20□□	FA	□ pc(s).	-	SENAT3□H	SCB3-6	CBSST3-10	LBNR3	Dedicated	Flat Head Machine Screw M2.6-4 (1 pc.)							
LX20□□C	FB	□ pc(s).	-							SCB3-6 (2 pcs.)						
LX20□□	XW1	1 pc.	2 pcs.	SENAT3□H	SCB3-6	CBSST3-10	LBNR3	Dedicated	Flat Head Machine Screw M2.6-4 (1 pc.)							
LX20□□C	XW2	2 pcs.	1 pc.							SCB3-6 (2 pcs.)						
LX20□□	FW1	1 pc.	2 pcs.	SENAT3□H	SCB3-6	CBSST3-10	LBNR3	Dedicated	Flat Head Machine Screw M2.6-4 (1 pc.)							
LX20□□C	FW2	2 pcs.	1 pc.							SCB3-6 (2 pcs.)						

Photo Sensor (SUNX) - Set Part Specification

LX Part Number	Code (□ is Sensor Qty.) *For Ls100, Max. 2 For Ls150, Max. 3	Photo Sensor	Sensor Rail		Sensor (* Qty per Sensor Included)			Sensor Flag		Unit Price (L≤150)			Unit Price (L≥200)			
			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	1 pc.	2 pcs.	3 pcs.	1 pc.	2 pcs.	3 pcs.
LX20□□	SP	PM-L25	SENAT3□H	SCB3-6	Dedicated	SCB3-5 (2 pcs.) LBNR3 (2 pcs.)	SCB3-6 (2 pcs.)	M2 Small Flat Washer (2 pcs.)	Dedicated	Flat Head Machine Screw M2.6-4 (1 pc.)						
LX20□□C	MP	PM-L25	SENAT3□H	SCB3-6	Dedicated	SCB3-5 (2 pcs.) LBNR3 (2 pcs.)	SCB3-6 (2 pcs.)	M2 Small Flat Washer (2 pcs.)	Dedicated	SCB3-6 (2 pcs.)						

*The Photo Sensor PM-L24 is to be discontinued and replaced by the next-generation product PM-L25 in April 2017.

Photo Sensor (Omron) - Set Part Specification

LX Part Number	Code (□ is Sensor Qty.) *For Ls100, Max. 2 For Ls150, Max. 3	Photo Sensor	Sensor Rail		Sensor (* Qty per Sensor Included)			Sensor Flag		Unit Price (L≤150)			Unit Price (L≥200)			
			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	1 pc.	2 pcs.	3 pcs.	1 pc.	2 pcs.	3 pcs.
LX20□□	OP	EE-SX911-R1M	SENAT3□H	SCB3-6	Dedicated	SCB3-5 (2 pcs.) LBNR3 (2 pcs.)	SCB3-6 (2 pcs.)	M3 Small Flat Washer (2 pcs.)	Dedicated	Flat Head Machine Screw M2.6-4 (1 pc.)						
LX20□□C	EP	EE-SX911-R1M	SENAT3□H	SCB3-6	Dedicated	SCB3-5 (2 pcs.) LBNR3 (2 pcs.)	SCB3-6 (2 pcs.)	M3 Small Flat Washer (2 pcs.)	Dedicated	SCB3-6 (2 pcs.)						

*Sensors are not sold separately.

*EE-SX911-R1M is scheduled to change to EE-SX951-R1M from April 2015.

Alterations

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

LX2001 - B1 - A2025 - 200 - XW1
LX2005C - B1 - A2028 - 200 - EP3

Proximity Sensor Type Installation Drawings - SUNX

Sensor Flag
Material: SUS304, Plate Thickness: 1mm

Photo Sensor Type Installation Drawings - SUNX / Omron

Sensor Flag
Material: SUS304, Plate Thickness: 1mm

Cautions

- Sensor set is shipped with LX Actuator. Assembly required.
- Please check for all included parts immediately after unpacking. Some small parts can be lost.
- Please handle the products with great care.

*Please access each sensor manufacturer's website for the specifications of sensors in use.