

Single Actuator LX20

Motor Adapter Plates / Motor Adapter Centering Tools



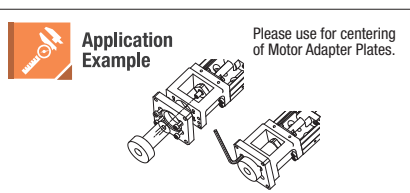
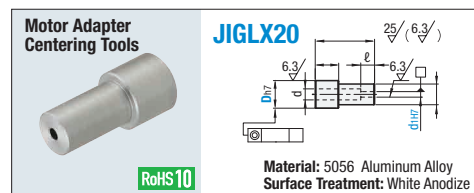
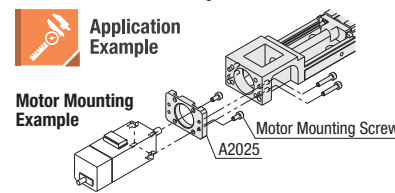
Note: the Motor Adapter protrudes beyond the rail at * marked area

<p>A2025 Servo 25 Sq.</p>	<p>A2028 Servo 28 Sq.</p>																																																																						
<p>A2038 Servo 38 Sq.</p>	<p>A2040 Servo 40 Sq.</p>																																																																						
<p>E2040 Servo 40 Sq.</p>	<p>T2042 Stepping 42 Sq.</p>																																																																						
<p>T2028 Stepper 28 Sq.</p>	<p>T2056.4 Stepping 56.4 Sq. NEMA 23</p>																																																																						
<p>F No Motor Bracket Type</p>	<p>Servo Motor Application Table</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Flange Size</th> <th>Manufacturer</th> <th>Product Number</th> <th>Wattage</th> <th>Recommended Coupling</th> </tr> </thead> <tbody> <tr> <td rowspan="3">A2025</td> <td rowspan="3">25 Sq.</td> <td rowspan="3">Yasukawa Electric Corporation</td> <td>SGMMJ-A1</td> <td>10W</td> <td rowspan="3">SCPW16 (P.1094)</td> </tr> <tr> <td>SGMMJ-A2</td> <td>20W</td> </tr> <tr> <td>SGMMJ-A3</td> <td>30W</td> </tr> <tr> <td rowspan="3">A2028</td> <td rowspan="3">28 Sq.</td> <td rowspan="3">Mitsubishi Electric Corporation</td> <td>HG-AK013</td> <td>10W</td> <td rowspan="3">SCPW16 (P.1094)</td> </tr> <tr> <td>HG-AK023</td> <td>20W</td> </tr> <tr> <td>HG-AK033</td> <td>30W</td> </tr> <tr> <td rowspan="5">A2038</td> <td rowspan="5">38 Sq.</td> <td rowspan="5">Panasonic</td> <td>MSMD5A</td> <td>50W</td> <td rowspan="5">CPDT19 (P.1096)</td> </tr> <tr> <td>MSME6A</td> <td>50W</td> </tr> <tr> <td>MSMD1*</td> <td>100W</td> </tr> <tr> <td>MSME1*</td> <td>100W</td> </tr> <tr> <td>MSME1*</td> <td>100W</td> </tr> <tr> <td rowspan="8">A2040</td> <td rowspan="8">40 Sq.</td> <td rowspan="3">Yasukawa Electric Corporation</td> <td>SGMJV-A5</td> <td rowspan="8">50W</td> <td rowspan="8">SCPW16 (P.1094)</td> </tr> <tr> <td>SGMAH-A5</td> </tr> <tr> <td>SGMAS-A5</td> </tr> <tr> <td rowspan="2">Mitsubishi Electric Corporation</td> <td>HG-MR053</td> </tr> <tr> <td>HG-KR053</td> </tr> <tr> <td rowspan="3">Sanyo Denki Co., Ltd.</td> <td>Q1AA04003D</td> </tr> <tr> <td>Q1AA04005D</td> </tr> <tr> <td>Q1AA04005D</td> </tr> <tr> <td rowspan="2">Omron Corporation</td> <td>R88M-K05030</td> </tr> <tr> <td>R88M-K05030</td> </tr> <tr> <td rowspan="2">Keyence Corporation</td> <td>MV-M05</td> <td rowspan="2">100W</td> <td rowspan="2">CPDT19 (P.1096)</td> </tr> <tr> <td>SV-M005</td> </tr> <tr> <td rowspan="2">E2040</td> <td rowspan="2">40 Sq.</td> <td rowspan="2">SIEMENS</td> <td>1FK7011-5</td> <td rowspan="2">100W</td> <td rowspan="2">CPDW19 (P.1096)</td> </tr> <tr> <td>1FK7015-5</td> </tr> </tbody> </table>	Part Number	Flange Size	Manufacturer	Product Number	Wattage	Recommended Coupling	A2025	25 Sq.	Yasukawa Electric Corporation	SGMMJ-A1	10W	SCPW16 (P.1094)	SGMMJ-A2	20W	SGMMJ-A3	30W	A2028	28 Sq.	Mitsubishi Electric Corporation	HG-AK013	10W	SCPW16 (P.1094)	HG-AK023	20W	HG-AK033	30W	A2038	38 Sq.	Panasonic	MSMD5A	50W	CPDT19 (P.1096)	MSME6A	50W	MSMD1*	100W	MSME1*	100W	MSME1*	100W	A2040	40 Sq.	Yasukawa Electric Corporation	SGMJV-A5	50W	SCPW16 (P.1094)	SGMAH-A5	SGMAS-A5	Mitsubishi Electric Corporation	HG-MR053	HG-KR053	Sanyo Denki Co., Ltd.	Q1AA04003D	Q1AA04005D	Q1AA04005D	Omron Corporation	R88M-K05030	R88M-K05030	Keyence Corporation	MV-M05	100W	CPDT19 (P.1096)	SV-M005	E2040	40 Sq.	SIEMENS	1FK7011-5	100W	CPDW19 (P.1096)	1FK7015-5
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Stepping Motor Application Table

Part Number	Flange Size	Manufacturer	Motor Part Number	Type	Recommended Coupling
T2028	28 Sq.	Oriental Motor	CSK22	2-Phase	SCPW16 (P.1094)
			CW1-8 Tool Steel ²	5-Phase	
			ASC3*	0 Step	
T2042	42 Sq.	Oriental Motor	AR2 (ARM)	0 Step	SCPW16 (P.1094)
			PK24*	2-Phase	
T2056.4	5.64 Sq.	NEMA Standards	CSK24	2-Phase	CPDW19 (P.1096)
			RK54	2-Phase	
			RKS54* / PK54*	5-Phase	
			AS46, ASC46, AR46	0 Step	

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



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

Part Number	D	Corresponding Attachments	d	D ₁	d ₁	L	T	ℓ
JIGLX20	20	A2028	8	15	4	43	17	10
	30	A2038/A2040	8	15	4	47	13	10



Single Axis Actuator LX20

Sensor Sets



Proximity Sensor Type (SUNX) Set Part Specification

LX Part Numbers	Code (is Sensor Qty.) * For L≤100, Max. 2 For L>150, Max. 3	Sensor Type/Qty.		Sensor Rail		Sensor (* Qty per sensor included)		Sensor Flag	
		GX-F8A (ON When Near)	GX-F8B (ON When Away)	Rail (1 Pc.)	Mounting Screw (Pitch +1 Pc.)	Sensor Mounting Screws (1 Pc.)	Mounting Nut (1 pc.)	Sensor Flag (1 Pc.)	Sensor Flag Mounting Screw
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.)
	FA_	_pc(s)	—						Flat Head Machine Screw M2.6-4 (1 pc.)
LX20__	FB_	—	_pc(s)						SCB3-6 (2 pcs.)
	XW1	1 pc.	1 pc.						Flat Head Machine Screw M2.6-4 (1 pc.)
	XW2	2 pcs.	1 pc.						SCB3-6 (2 pcs.)
LX20__C	FW1	1 pc.	1 pc.	Flat Head Machine Screw M2.6-4 (1 pc.)					
	FW2	2 pcs.	2 pcs.	SCB3-6 (2 pcs.)					
	FW3	2 pcs.	1 pc.	SCB3-6 (2 pcs.)					

Photo Sensor Type (SUNX) Set Part Specification

LX Part Number	Code (is Sensor Qty.) * For L≤100, Max. 2 For L>150, Max. 3	Photo Sensor	Sensor Rail		Sensor (* Qty Per Sensor Included)				Sensor Flag	
			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 Screws
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_									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 Type (Omron) Set Part Specification

LX Part Numbers	Code (is Sensor Qty.) * For L≤100, Max. 2 For L>150, Max. 3	Photo Sensor	Sensor Rail		Sensor (* Qty Per Sensor Included)				Sensor Flag	
			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
LX20__	OP_	EE-SX951-R 1M	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_									SCB3-6 (2 pcs.)

* Sensors are not sold separately. EE-SX911-R1M is scheduled to change to EE-SX951-R1M from April 2015.

Part Number Alterations

Part Number	Block Qty.	Motor Adapter Plates	Base Overall Length (L)	(Code)
LX2001	B1	A2025	200	XW1
LX2005C	B1	A2028	200	EP3

Proximity Sensor Type Installation Drawings (SUNX)

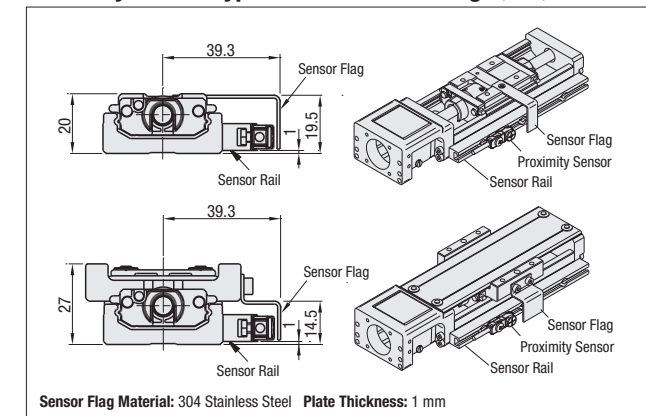
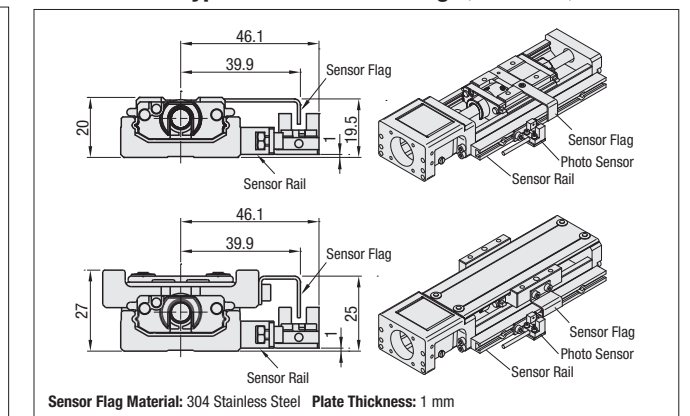


Photo Sensor Type Installation Drawings (SUNX / Omron)



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