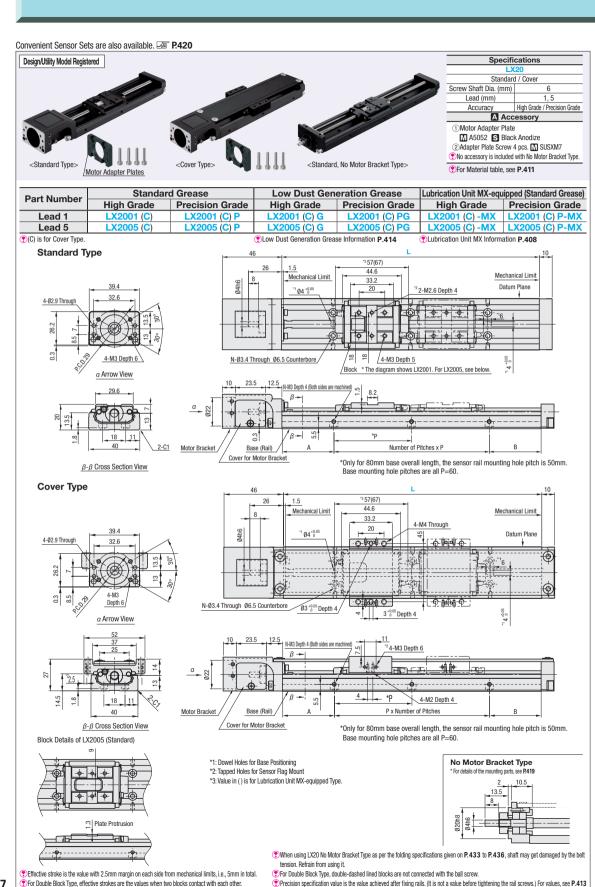
## Single Axis Actuators LX20 Standard / Cover Type



For Single Axis Actuator LX Series selections, please use our 2D and 3D CAD data and Technical Calculation Software (free of charge). http://download.misumi.jp/mol/fa\_soft.html



Part Number				_	* Effective Stroke			Total Mass (kg)				Manualina Hala Dimanaiana								
		Block Qty.	Motor Adapter Plates	Base				Standard		Cover		Mounting Hole Dimensions								
High Grade	* Precision Grade		İ	Longin (L)	B1	B2	MX-equipped (B1)	B1	B2	B1	B2	Α	Р	В	Number of Pitches	Number of Holes (N)				
(Standard Grease)	(Standard Grease)	(1 pc)	(Servo Motor) A2025 A2028	80 (Lead 1 only)	16.5			0.40		0.51		10		10	1	4				
LX2001 (C) LX2005 (C)	LX2001 (C) P LX2005 (C) P	B1 * MX-equipped	MX-equipped types are available in B1 only.  (2 pcs.)  E2040  (Stepping Mot T2028 T20 T2056.4  '(No Adapter Pl. N		100	36.5	-	-	0.45	-	0.56	-	20		20	'	4			
LX2001 (C) G	(Low Dust Generation Grease) LX2001 (C) PG			types are available in B1 only.  (2 pcs.)  (Stepping Motor)  T2028 T2042  T2056.4  '(No Adapter Plate)	types are available in B1 only. (2 pcs.)	types are available in B1 only. (Stepping Motor) T2028 T2042 T2056.4	150	86.5		76.5	0.58		0.69		15	60	15	2	6	
LX2005 (C) G (Lubrication Unit MX-	LX2005 (C) PG (Lubrication Unit MX-							only.	200	136.5	79.5	126.5	0.71	0.79	0.81	0.97	40	00	40	
	equipped, Standard Grease) LX2001 (C) P-MX					(NO AUAPIEI FIAIE)	250 (Lead 5 only)	186.5	129.5	176.5	0.83	0.92	0.94	1.10	35		35	3	8	
	LX2005 (C) P-MX		*(No Motor Bracket)	300 (Lead 5 only)	236.5	179.5	226.5	0.96	1.05	1.07	1.23	30		30	4	10				

<sup>\*</sup> Precision Certificate is enclosed with precision grade products.

- \* Effective stroke is indicated in dimensions with a margin of 2.5mm each from the ends.
- \* (C) is for Cover Type.
- For Max, Velocity, see P413
- For Moment of Inertia see P412
- 0.004kg will be added to MX-equipped types.

## Servo Motor Application Table

	Part Number	Flange Size	Manufacturer	Wattage		
	A2025	□25	Yasukawa/ Mitsubishi Electric Corporation	10W/20W/30W		
	A2028	□28	Mitsubishi Electric Corporation	1000/2000/3000		
	A2038	□38	Panasonic	30W/50W/100W		
	E2040 A2040		SIEMENS	50W/100W		
			Yasukawa Electric Corporation			
		□40	Mitsubishi Electric Corporation	50W		
		□40	Keyence Corporation	3000		
			Omron Corporation			
			Sanyo Denki Co., Ltd.	30W/50W		

To details on supported motor types and detailed diagram of Motor Adapter Plates, see P.419

## Stepping Motor Application Table

<b>Part Number</b>	Flange Size	Manufacturer	Туре
T2028	□28	Oriental Motor	O share / E share / a Chan
T2042	<u></u> 42	Offernal Motor	2-phase / 5-phase / α-Step
T2056.4	□56.4	NEMA standards	-

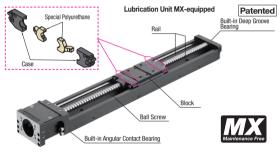
NEMA standards are a set of standards stipulated by National Electrical Manufacturers Association of

The details on supported motor types and detailed diagram of Motor Adapter Plates, see P.419

Ordering	Part Number	-	Block Qty.	-	Motor Adapter Plates	-	Base Length (L)
Example	LX2001C	-	B1	-	A2025	-	200
	LX2005-MX	-	B1	-	A2028	-	150

## ■Accuracy Standards

Accuracy Standards         High Grade         Precision Grade           Positioning (mm)         0.06         0.02           Backlash (mm)         0.01         0.003	-		
	Accuracy Standards	High Grade	<b>Precision Grade</b>
<b>Backlash (mm)</b> 0.01 0.003	Positioning (mm)	0.06	0.02
	Backlash (mm)	0.01	0.003
Positioning Repeatability (mm) ±0.005 ±0.003	Positioning Repeatability (mm)	±0.005	±0.003
Running Parallelism (mm) 0.025 0.01	Running Parallelism (mm)	0.025	0.01
Starting Torque (N·cm) 1.2 1.2	Starting Torque (N·cm)	1.2	1.2



Provides long term maintenance-free operation. For details, see P.408

Unit price for Precision Grade / Low Particle Generation

Specifications	Unit Price
Precision Grade	
Low Dust Generation Grease	
Lubrication Unit MX-equipped	
PListed Price + Un	it Price = Product

Price

Volume Discount Rate is applicable

	High Grade Unit Price									
Part Number	L=80 (Lead 1 only)	L=100	L=150	L=200	L=250 (Lead 5 only)	L=300 (Lead 5 only)	Motor Adapter Plates	Block Qty.	Screw Shaft Dia.	Lead
LX20 -B1-							Servo Stepping	1		
LX20 -B2-	-	-	-				No Adapter Plate	2	6	1
LX20 -B1-F							No Bracket	1		5
LX20 B2-F	-	-	-				NO Bracket	2		
LX20 C-B1-							Servo	1		
LX20 C-B2-	-	-	-				Stepping No Adapter Plate	2		1
LX20 C-B1-F							No Bracket	1	6	5
LX20 C-B2-F	-	-	-				No pracket	2		

**?**LX20□□(C) Series sensor set can be specified as an alteration. For Detailed alteration diagram, see 
 **?** P.420

<sup>\*</sup> Motor adapter plate and mounting screws are not included with No Adapter Plate Type.