CAD 3D Surface Treatment Motor Bracket Gold Anodize Aluminum Alloy Motor Bracket Hex Socket Head Cap Screv M4 x 20 or fixing Adapter Plate Adapter Plate Adapter Plate M3 x 8 or fixing Adapter Plate The Motor Bracket and Adapter Plate are not installed yet when being shipped from the factory. The motor bracket can be mounted on either the right side or the left side. A-A # ♦ ♦ Standard The motor bracket can be mounted on 100 4xM3

[Medium Accuracy] Single Axis Actuators LST10

Belt Driven, continued

Part Number	Stroke (mm)	Motor Adapter Plates	L	A	Mass (kg)	Number of Holes (N)	Travel per Pulley Rotation (mm)	Base Mounting
LST10	500	Servo Motor	700	500	3.3	12		
	600	A25 A38	800	600	3.7	14		From the Top
	700	A40 E40	900	700	4.1	16	59.97	of Base Rail
	800	Stepping Motor T28, T42, T56,4	1000	800	4.5	18	59.97	(Counterbored
	900	No Adapter Plate	1100	900	4.9	20		Hole)
	1000	N	1200	1000	5.3	22		

Accuracy Standards

Accuracy Standards	Standard Value
Positioning Repeatability (mm)	±0.05
Running Parallelism (mm)	±0.05

① The standard values are measured after the rail is mounted. (It is not the value measured before the rails are bolted down.)

Stepping Motor Application Table

Part Number	Flange Size	Manufacturer	Product Number	Wattage	Recommended Coupling
T28			CSK22	2-Phase	SCXW21 SCPW21 CPDW19
	28 Sq.		CSK52	5-Phase	
			ASC3	α-Step	
T42	42 Sq.	Oriental Motor	PK24	2-Phase	
		Offental Motor	CSK24	Z-Pilase	
			RK54	5-Phase	0.511.0
			RKS54 / PK54	5-Pilase	
			AS46, ASC46, AR46	α-Step	
T56.4	56.4 Sq.	NEMA Standards	NEMA23	_	CPDW19

① The NEMA standard is standardized by National Electrical Manufactures Association in U.S.





Servo Motor Application Table

Part Number	Flange Size	Manufacturer	Product Number	Wattage	Recommended Coupling	
		Yasukawa Electric	SGMMJ-A1	10 W		
		Corporation	SGMMJ-A2	20 W		
A25	25 Sq.	Corporation	SGIVIIVIJ-A3 30 W			
AZJ	25 5q.	Mitsubishi				
		Electric	HG-AK0236	20 W		
		Corporation	HG-AK0336	30 W		
			MSMD5A	50 W		
A20	20.0~	Donoconio	MSME5A	30 W	SCXW21 SCPW21 CPDW19	
A38	38 Sq.	Panasonic	MSMD01	100 W		
			MSME01	100 W		
		Yasukawa Electric	SGMJV-A5			
			SGMAH-A5			
		Corporation	SGMAS-A5	50 W		
		Mitsubishi	HG-MR053	50 W		
		Electric	HG-KR053			
A40	40 Sq.	Corporation	HF-KP053			
A40	40 Sq.	Sanyo Denki	Q1AA04003D	30 W		
		Có., Ltd.	Q1AA04005D			
		Omron Corporation	R88M-K05030	50 W		
		Keyence	MV-M05			
		Corporation	SV-M005			
E40	40.00	CIEMENIC	1FK7011-5	50 W	CDDW40	
E40	40 Sq.	SIEMENS	1FK7015-5	100 W	CPDW19	

• Applicable motors and couplings are not limited to the above listed products. Please confirm each mounting dimension.

Photo Sensor Types – Set Part Specification

Code	Sensor Type	Sensor	Sensor Type/Qty. Sensor Flag Mounting		Sensor Mounting		Sensor Bracket Mounting			
			Configurable to turn ON or OFF when Light is blocked.			Sensor Mounting Screw	Bracket Mounting Screw Bra		Bracket Mounting Nut	Note
MP	Photomicro Sensor	FPMY45	_pc(s)	Dedicated	Hex Socket Head Cap Screw M3 x 6, 2 pcs.	Hex Socket Head Cap Screw M3 x 6, 2 pcs.	Dedicated	Hex Socket Head Cap Screw M3 x 6, 2 pcs.	Hex Nut, 2 pcs.	1 m Cable

The Sensor Qty. is inserted in the "" part (within the range of 1–3 pc(s).). When the stroke amount is 100 or less, however, the upper limit for the Sensor Qty. is 2 pcs.

Proximity Sensor Types – Set Part Specification

			Sensor Type/Qty.		Sensor Flag Mounting		Sensor Mounting		
Code	Code Sensor Type		ON When Near	ON When Away	Sensor Flag	Sensor Flag Mounting Screw	Sensor Mounting Screw	Sensor Mounting Nut	Note
PR_	Proximity Sensor – Two-Wire Type	EX4-T12	_pc(s).	_	Dedicated	Hex Socket Head Cap	Pan Head Screw	Hex Nut 1 pc.	
PRO_	Proximity Sensor – Three-Wire Type with N.O. Output	EMX4-T12	_pc(s).	_					
PRC_	Proximity Sensor – Three-Wire Type with N.C. Output	EMX4-T12C	_	_pc(s).					1 m Cable
PRW1			1 pc.	1 pc.	Deulcaleu	Screw M3 x 6, 2 pcs.	M3 x 10	nex Nut 1 pc.	I III Gable
PRW2	Proximity Sensor – Three-Wire, Combination Type	_	1 pc.	2 pcs.					
PRW3			2 pcs.	1 pc.					

The Sensor Qty. is inserted in the "" part (within the range of 1–3 pc(s).). When the stroke amount is 100 or less, however, the upper limit for the Sensor Qty. is 2 pcs.



















