

MISUMI C-VALUE Single Axis Actuators LS10 - Ball Screw




Similar Component Page P455~P458

Compared to Similar Products 25% Off Max.

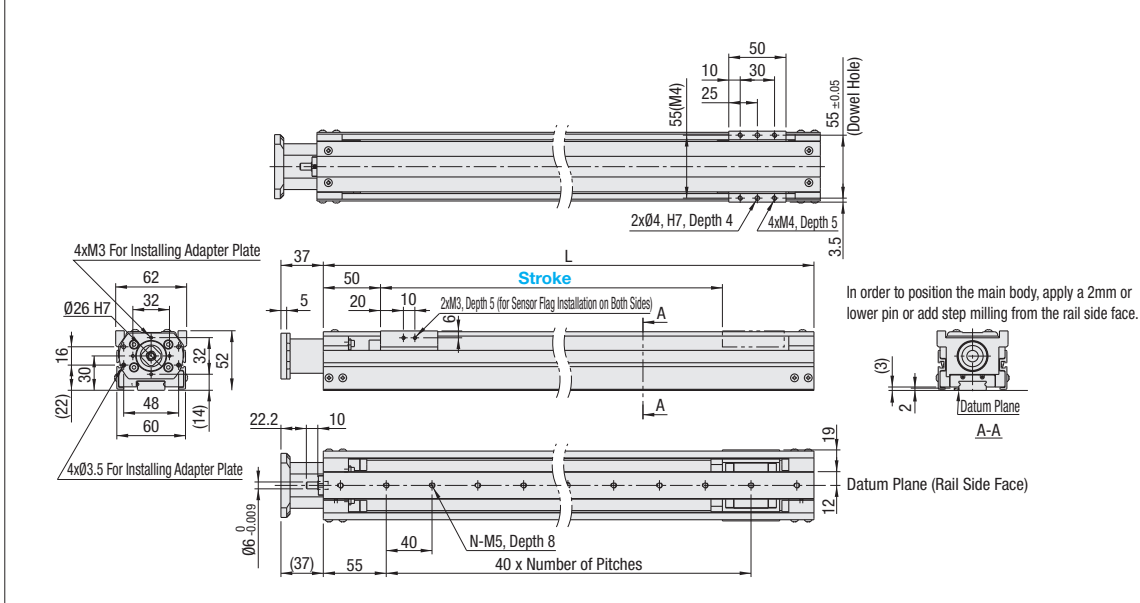
Points to compare against Similar Products | For Positioning Repeatability and Allowable Static Moment, C-VALUE components differ from their similar products. P455~P458

Product Features: This Single Axis Actuator achieves medium accuracy transfer and positioning at economical prices.



Accessory	Material	Surface Treatment	Quantity	Note
Adapter Plate	Aluminum Alloy	Black Anodize	1	-
Hex Socket Head Cap Screw M3x8	Steel	Black Oxide	4	For fixing Adapter Plate

* No accessory is included with "No Adapter Plate" Type.
 * Adapter Plate is not installed when shipped.



A25 Servo □25 	A38 Servo □38
A40 Servo □40 	E40 Servo □40
T28 Stepping □28 	T42 Stepping □42
T56.4 Stepping □56.4 	

Part Number	Lead	Stroke (mm)	Motor Adapter Plate	L	Mass(kg)	Number of Holes (N)	Number of Pitches	Base Mounting
LS10	02 04	60	(Servo Motor) A25 A38 A40 E40	190	1.20	3	2	From the Bottom of Base Rail (Tapped Hole)
		100	(Stepping Motor) T28 T42 T56.4 (No Adapter Plate) N	230	1.33	4	3	
		140		270	1.47	5	4	
		220		350	1.73	7	6	
		300		430	2.00	9	8	

Accuracy Standards	
Accuracy Standards	Standard Value
Positioning Repeatability (mm)	±0.02
Running Parallelism (mm)	±0.02
Starting Torque (N/cm)	2

* The standard values are measured after the rail is mounted. (It is not the value measured before the rails are fastened with screws.)

Stepping Motor Application Table					
Part Number	Flange Size	Manufacturer	Product Number	Type	Recommended Coupling
T28	□28	Oriental Motor	CSK22	2-phase	SCXW21 (P1108) SCPW21 (P1108) CPDW19 (P1103)
			CSK52	5-phase	
			ASC3	α-Step	
PK24	2-phase				
CSK24	2-phase				
RK54	5-phase				
T42	□42	RKS54/PK54	5-phase		
		AS46, ASC46, AR46	α-Step		
T56.4	□56.4	NEMA standards	NEMA23	-	CPDW19 (P1103)

Servo Motor Application Table					
Part Number	Flange Size	Manufacturer	Product Number	Wattage	Recommended Coupling
A25	□25	Yasukawa Electric Corporation	SGMMJ-A1	10W	SCXW21 (P1108) SCPW21 (P1108) CPDW19 (P1103)
			SGMMJ-A2	20W	
			SGMMJ-A3	30W	
A38	□38	Mitsubishi Electric Corporation	HG-AK0136	10W	
			HG-AK0236	20W	
			HG-AK0336	30W	
A40	□40	Panasonic	MSMD5A	50W	
			MSME5A	100W	
			MSMD01		
			MSME01		
			A40	□40	Yasukawa Electric Corporation
SGMAH-A5					
SGMAS-A5					
HG-MR053					
HG-KR053					
E40	□40	SIEMENS	1FK7011-5	50W	
			1FK7015-5	100W	
			CPDW19 (P1103)		

* 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.

Ordering Example: Part Number - Stroke - Motor Adapter Plate
 LS1002 - 300 - A25

Alterations Part Number - Stroke - Motor Adapter Plate - (Code)
 LS1002 - 300 - A25 - MP3

Photo Sensor Types - Set Part Specification											
Code	Sensor Type	Sensor	Sensor Type/Qty.	Sensor Flag Mounting	Sensor Mounting	Sensor Bracket Mounting	Unit Price	Note			
MP□	Photomicro Sensor	FPMY45	□pc(s).	Dedicated	Hex Socket Head Cap Screw M3x6, 2 pcs.	Hex Socket Head Cap Screw M3x6, 2 pcs.	Dedicated	Hex Socket Head Cap Screw M3x6, 2 pcs.	Hex Nut 2 pcs.	1 pc. 2 pcs. 3 pcs.	Cable 1m

* □ specifies the sensor qty. (1~3). For 100 or less strokes, select 1 or 2.

Proximity Sensor Types - Set Part Specification											
Code	Sensor Type	Sensor	Sensor Type/Qty.	Sensor Flag Mounting	Sensor Mounting	Sensor Bracket Mounting	Unit Price	Note			
PR□	Proximity Sensor - Two-Wire Type	EX4-T12	□pc(s).	-	-	-	-	-	-	-	-
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).	-	-	-	-	-	-	-	-
PRW1	Proximity Sensor - Three-Wire, Combination Type	-	1 pc.	Dedicated	Hex Socket Head Cap Screw M3x6, 2 pcs.	Pan Head Screw M3x10	Hex Nut 1 pc.	1 pc.	-	-	Cable 1m
PRW2			2 pcs.					-	-		
PRW3			1 pc.					-	-		

* □ specifies the sensor qty. (1~3). For 100 or less strokes, select 1 or 2.

