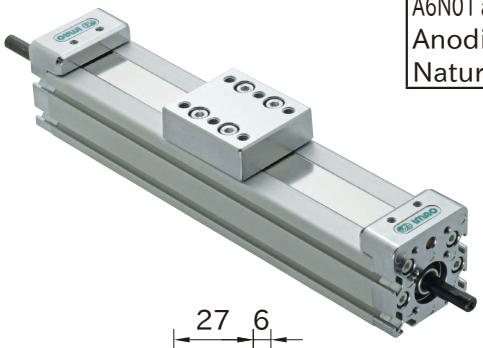
MAU5040DS MECHANICAL LINEAR ACTUATORS (Synchro-Use)

On Request RoHS

IMAO

Body	Carriage End Plates	Shaft	Trapezoidal Nut	Screw	Dustproof Sheet
A6N01 aluminum Anodized Natural	ZDC2 die-cast zinc Chrome plated	S45C steel Black oxide finish	CAC902 copper alloy	SCM435 steel Trivalent chromate	SUS304H stainless steel



VIEW:A

Dimensions of End Plate (Both ends)

Dimensions of 6 Slots

Compatible nuts from different brands:
Bosch Rexroth: Sliding block for groove 6
Misumi: Sliding T-nut for 5 series (slot width 6 mm)
Note:Drop-in nuts cannot be inserted from the end plate slot.

Reference

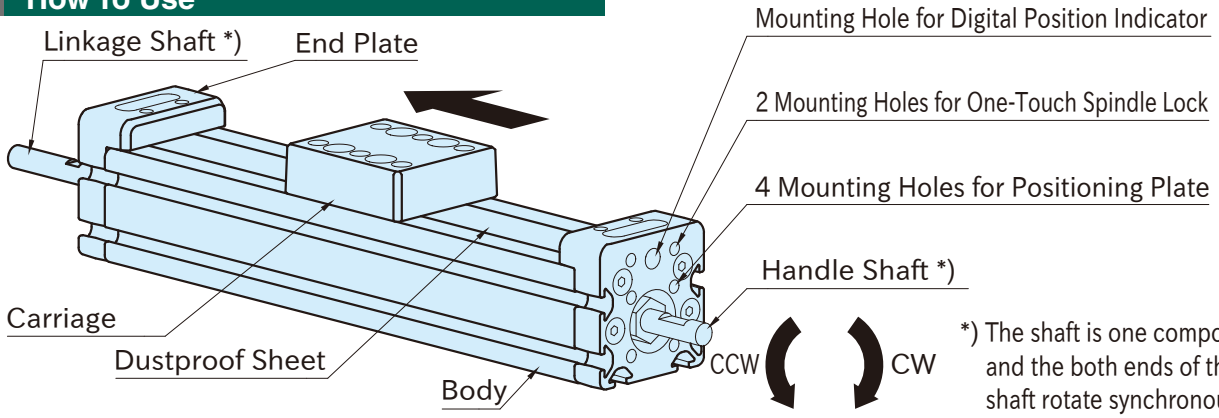
Technical Information of Mechanical Linear Actuators

Related Product

Choose the optional elements for your needs.
- One-Touch Spindle Locks
- Positioning Plate
- Digital Position Indicators
- Adapter Shafts
- Handwheels

Part Number		Rotative Direction	S	LB	Weight (kg)	Delivery Time
With Handle Shaft	Without Handle Shaft					
MAU5040DS-100R	MAU5040DS-100Y	CW	100	201	1.5	20 Working Days
MAU5040DS-100L	MAU5040DS-100Z	CCW				
MAU5040DS-150R	MAU5040DS-150Y	CW	150	251	1.7	
MAU5040DS-150L	MAU5040DS-150Z	CCW				
MAU5040DS-200R	MAU5040DS-200Y	CW	200	301	1.9	
MAU5040DS-200L	MAU5040DS-200Z	CCW				
MAU5040DS-250R	MAU5040DS-250Y	CW	250	351	2.1	
MAU5040DS-250L	MAU5040DS-250Z	CCW				
MAU5040DS-300R	MAU5040DS-300Y	CW	300	401	2.3	
MAU5040DS-300L	MAU5040DS-300Z	CCW				
MAU5040DS-350R	MAU5040DS-350Y	CW	350	451	2.5	
MAU5040DS-350L	MAU5040DS-350Z	CCW				
MAU5040DS-400R	MAU5040DS-400Y	CW	400	501	2.7	
MAU5040DS-400L	MAU5040DS-400Z	CCW				
MAU5040DS-450R	MAU5040DS-450Y	CW	450	551	2.9	
MAU5040DS-450L	MAU5040DS-450Z	CCW				
MAU5040DS-500R	MAU5040DS-500Y	CW	500	601	3.1	
MAU5040DS-500L	MAU5040DS-500Z	CCW				

How To Use

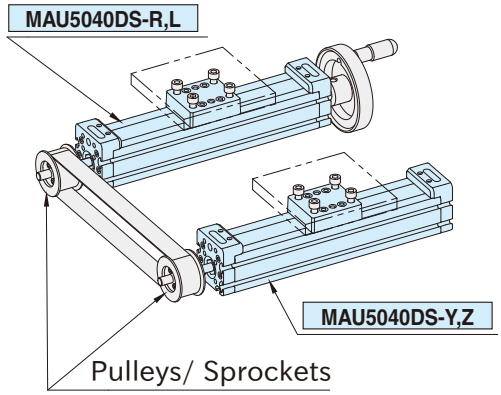


*) The shaft is one component and the both ends of the shaft rotate synchronously.

・MAU5040DS-R,Y : Carriage moves toward the arrow direction by turning the Handle Shaft clockwise.
・MAU5040DS-L,Z : Carriage moves toward the arrow direction by turning the Handle Shaft counterclockwise.
・Carriage moves 3mm per rotation of the Handle Shaft.

■Parallel Use

Attach pulleys or sprockets to Linkage Shafts and align the carriages for movement in synchronization.



■Serial Use

Connect two Linkage Shafts using a coupling.

