

UNGUIDED RODLESS BELT-DRIVE ACTUATOR

The MXB-U rodless actuator is a pre-assembled compact linear belt solution for use in applications with existing guides & supports. This economical actuator features speeds up to 5080 mm/sec (200 in/sec) and thrusts up to 1859 N (418 lbf). Built-to-order in stroke lengths up to 5842 mm (230 in).

MXB-U

BELT TENSIONING SYSTEM

The open slot on the guide plate permits easy access to the belt tensioning screw. No disassembly required

OVERSIZED PULLEY BEARINGS

Drive shaft assembly incorporates oversized shielded/sealed ball bearings for long life and high speeds

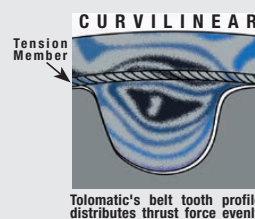
YOUR MOTOR HERE

YOU CAN CHOOSE:

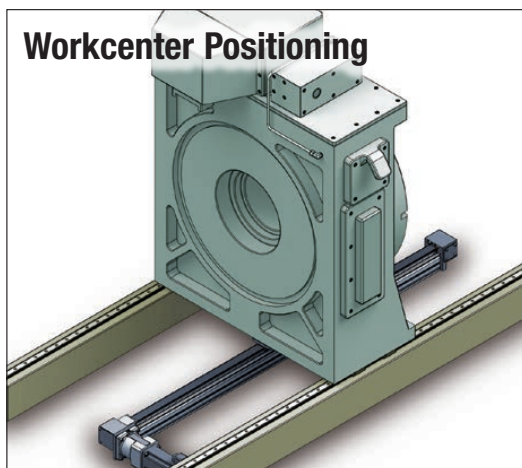
- Choose ACSI (Integrated servo motor/drive) for a complete motion solution tested and assembled at the factory
- Specify the device to be installed and actuator ships with proper mounting hardware

STEEL REINFORCED/HTD BELT PROFILE

Belt of polyurethane material reinforced with steel tension members to produce high carrier thrusts without belt stretch.



Workcenter Positioning



Applications:

- Adhesive dispensing
- Aligning
- Animation
- Assembly
- Automotive
- Camera positioning
- Conveyors
- Cutting
- Diverters
- Inspection
- Laser marking
- Material cutting
- Milling
- Packaging equipment
- Parts transfer
- Pick & place
- Positioning
- Product handling
- Slitting
- Sorting
- Spraying
- Stacking
- Table positioning
- Test stations
- Wire winding

Available Options:

Mounting

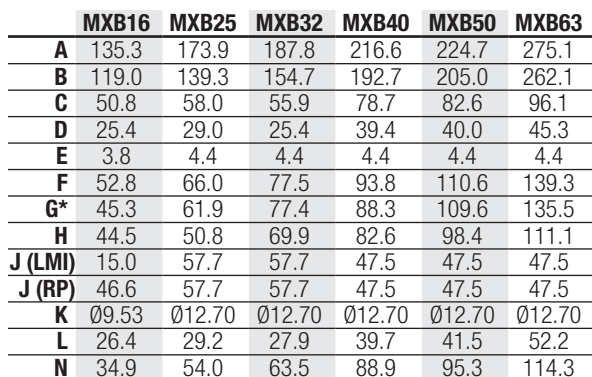
Mounting Plates,
Tube Clamps

Sensors

With integrated mounting

MXB-U

Specifications



	MXB16	MXB25	MXB32	MXB40	MXB50	MXB63
O	110.0	135.0	170.0	200.0	216.0	304.8
P	40.0	40.0	27.1	25.4	25.4	40.0
Q	-	-	87.7	114.3	69.8	130.0
S	28.0	40.0	50.0	72.0	79.4	98.3
T	M4x0.7	M6x1.0	M8x1.25	M8x1.25	M8x1.25	M10x1.5
U*	17.5	27.0	31.8	44.5	47.7	57.2
V	30.00	42.00	55.37	64.00	78.74	100.00

AA	15.9	15.9	19.1	25.4	31.8	25.4
BB	6.4	6.4	7.6	—	—	—
CC	68.7	81.9	96.5	119.4	119.4	164.6
DD	60.9	77.7	95.2	106.1	127.4	153.3
EE	60.0	63.5	86.4	127.0	142.2	203.2
FF	44.5	50.8	59.9	112.0	127.0	177.8
GG	25.4	25.4	25.4	20.1	20.1	25.4
HH	05.6 THRU ↓ 09.4 ↓ 5.6 (2)	05.6 THRU ↓ 09.4 ↓ 5.6 (2)	07.1 THRU ↓ 011.2 ↓ 7.1 (2)	07.1 THRU (2)	07.1 THRU (2)	07.1 THRU (2)

	MXB16	MXB25	MXB32	MXB40	MXB50	MXB63
JJ	-	57.0	74.1	82.7	97.5	131.7
KK	-	69.0	87.4	96.7	111.5	150.7
LL	-	18.0	16.0	14.0	14.0	19.0
MM	-	3.6	4.3	3.8	3.8	6.1
NN	-	5.2	7.1	7.1	7.1	10.7


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