



SCREW DRIVEN ACTUATORS > MSA-DRT ACTUATOR

MSA-DRT ACTUATOR



MSA-DRT OPTIONS

SCREW PITCH (MM)

5

10

20

STANDARD TRAVELS (MM)

Min 150 - Max 650 in 25 increments

HOW TO BUILD YOUR MSA-DRT:

MSA - DRT - N - - A 1 -

Screw Pitch

Motor Mount

Standard Travels

Macron Solutions Since 1987

MACRON DYNAMICS, INC.
100 Phyllis Drive
Croydon, PA 19021

1-800-MACRON-1 (1-800-622-7661)
Phone: 267-557-3590
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Macron Guarantee

All Macron actuators and belt drives are covered by our
1-Year Warranty



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MSA-DRT ACTUATOR

SPECIFICATIONS

Specifications

Screw Pitch - mm	5, 10, 20
Nut Type	Ball Screw
Maximum Speed - mm/s	325 (05), 650(10), 1250 (20)
Maximum Load - lbs.	500
Repeatability - mm	+/- 0.15
Efficiency	90%
Cart Guide	Linear bearing with profile rail

Motor Sizing Information

Weight of Cart - lbs.	7.2
Travel per Revolution - mm	5 (05), 10 (10), 20 (20)

SPECIFICATIONS

Weight w/motor adaptor

Min - lbs.	26.4
Increment - lbs.	2.2

Travels

Standard Travels - min / max - mm (25 mm increments)	150 to 650
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Features

- Commercial grade actuator with ball screw drive
- Extruded base profile and cart top allows multi-side mounting and attachment of components using T-nut fasteners
- Sealed linear profile rail and bearing guidance
- Can easily combine with MacSTANDARD belt actuators to create hybrid multi-axis systems
- Optional bellows seals are available
- Motor adaptors or MPG gearboxes are available accessories
- Four 20 series linear bearings with 2 covered steel profile rails

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