



**The Trusted Partner
When Motion Matters**

Our Commitment to Quality

Our goal is to ensure that every interaction, every product, and every outcome leaves our customers completely satisfied and confident in their choice of Tolomatic.



Right Product

Expert guidance to match the exact application needs.



Right Fit

Actuators designed to fit and function flawlessly.



Right Time

Reliable lead times and on-schedule shipments.



Best Performance

Precision-engineered solutions built for durability and reliability.



QUALITY MANAGEMENT SYSTEM

ISO 9001

Certified Site: Hamel, MN, USA

QUALITY MANAGEMENT SYSTEM

ISO 9001

Certified Site: Suzhou, CN

ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 14001

Certified Site: Rüsselsheim, DE

*“Quality isn’t just a step in the process—
it’s the foundation of everything we do.”*

Adam Toles, Co-owner

Mission Critical Applications

Driven by a deep understanding of customers' needs, Tolomatic delivers motion solutions with high precision, performance, and reliability.



Automotive & Transportation

Resistance spot welding, joining, pressing, riveting, stamping, lifting, test systems



Metals & Fabrication

Pressing, cutting, punching, stamping, forming, welding, joining, workholding, inspection



Food & Beverage

Dispensing, filling, cutting, pressing, depositing, stacking, inspection



Medical & Life Science

Positioning, injecting, dispensing, scanning, cutting, coating, testing, resistance adjustment



Material Handling

Packaging, conveying, gantry system, palletizing, stacking, height positioning, AGV functions



Plastics & Rubber

Injection molding, thermoforming, blow molding, ultrasonic welding, cutting, testing



Building & Construction

Saw mill, timber planing, lumber fencing, structural 3D printing, precision frame cutting



Mining, Oil, & Gas

Hydraulic replacement, conveying, cable & pipe management



Aerospace & Defense

Test systems, pressing, positioning, leveling, active security barriers, rapid prototyping



See success stories and learn more
tolomatic.com/applications

Machine Design Engineers Rely on Tolomatic

Tolomatic is committed to being your trusted partner when motion matters. We collaborate with your team to create linear motion solutions that satisfy the most challenging machine design objectives.



Optimize precision and quality



Boost productivity



Maximize uptime



Reduce total cost of ownership



Meet demanding regulatory standards

Combine your industry knowledge with Tolomatic's expertise in linear motion to innovate together.

How we've helped engineers like you succeed...



Hygienic Solutions

Food and pharmaceutical producers are requiring cleaner, safer machine designs from their OEM machine builders. Learn more about the benefits of electric linear motion for clean, continuous control in hygienic and stainless steel applications.



Learn more
tolomatic.com/hygienic



High Precision Solutions

When machine builders require linear motion that optimizes precision and rigidity in a compact machine footprint, the Twin Profile Rail Precision XY Stages (TRS) offer a unique design solution.



Learn more
tolomatic.com/precisionstage



High Force Solutions

When manufacturers are looking to electrify linear motion in applications with force capabilities that equal or surpass hydraulic systems, they can boost quality, productivity, and uptime.



Learn more
tolomatic.com/highforce

CORE TECHNOLOGIES

For High-Duty Cycle Solutions When Motion Matters



Roller Screw Technology

Engineered for Demanding Applications

Tolomatic is a leading innovator in roller screw technology. By controlling and optimizing the geometry, the material properties and the manufacturing processes, we produce roller screws that lead the industry in performance.

- Load capacity and life
- Positional accuracy and repeatability
- Rigidity and shock tolerance



Discover how roller screw actuators outperform other screw technologies.



Learn more
tolomatic.com/roller-screw

Servo Linear Actuator Technology

Powerful, Responsive Performance

Servo Linear Actuators are compact and powerful combining motor and actuator into one unit.

The integrated design achieves:

- Reduced commissioning time and ongoing maintenance
- Space & weight efficient, compact designs
- Dynamic control and responsiveness
- Increased resistance to shock and vibration
- IP69K rating for wash-down environments
- Motor optimization for highest thrust



Explore the benefits of Servo Linear Actuators.



Learn more
tolomatic.com/servolinearactuators

ENGINEERED-TO-ORDER ACTUATOR DESIGNS

Optimize Performance for Your Application

It's more cost-effective to generate an actuator design that's tailored to your application.

Tolomatic actuators are engineered-to-order, ensuring actuator solutions that fit your application:

- Motion requirements
- Mounting and physical fit
- Environmental protection
- Compatibility with controls
- Supply chain and project schedule



Standard

Proven, standard products with defined specifications and quick availability

Modified

Standard products adapted to meet specific application or integration requirements

Custom

Fully engineered solutions designed to meet unique performance, environment, and/or integration demands

Proven Design Process Advances Productivity



"We started developing our new CNC machines with some readily available actuators on the market ... But they weren't rigid enough to properly hold our tolerances, plus they allowed for particulate to ingress, causing problems. So we committed R&D to investigate solutions to these issues, and by working closely with Tolomatic, we developed an actuator that has the sealing and rigidity we needed."



Learn more:
tolomatic.com/develop

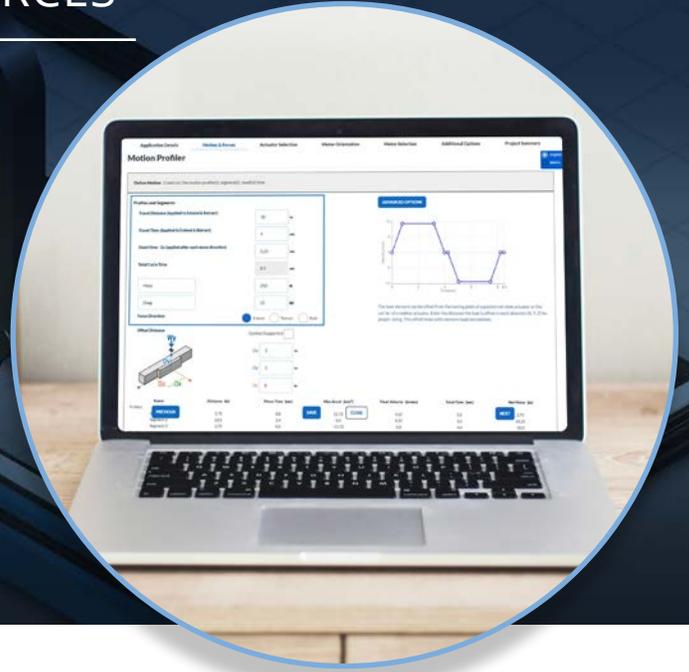
- DEMICHELE GROUP
CNC MACHINE OEM

CONFIGURATION APPS & RESOURCES

Enabling Machine Designs to be More Efficient,
Productive, Reliable, and Safe.



Learn More:
tolomatic.com/tools



Access tools via tolomatic.com



Ask An Engineer

Get a question answered or request a virtual design consultation with one of our engineers



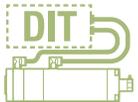
Actuator Sizing

Simplify electric actuator selection with our online sizing tool



Your Motor Here

Select the motor of your choice and your actuators with the appropriate mounting plates and couplers for quick and easy install



Drive Integration Tool

Find the right drive and cable connection to complete your system



CAD Library

Download 2D or 3D CAD files for Tolomatic products



Get Started:
tolomatic.com/worksheets



Start with these worksheets.
The first step to your optimal
linear motion solution.

ELECTRIC ACTUATORS

Rod-Style

High-performance rod-style electric linear actuators to fit a variety of applications, including RSH hygienic actuators featuring 316 stainless steel construction and IP69K rating.



Learn more:
tolomatic.com/el-rod



	ERD	RSH	RSA	RSX	GSA
	Electric Cylinder Linear Actuators	Hygienic Electric Linear Actuators	High Force Electric Linear Actuators	Extreme Force Electric Linear Actuators	Guided Electric Linear Actuators
Sizes/Models	10, 15, 20	22, 25, 30	12, 16, 24, 32, 50, 64	10, 15, 20, 25, 33, 50	12, 16, 24, 32
Max. Force	ERD10 100 lbf (0.4 kN) ERD15 200 lbf (0.9 kN) ERD20 500 lbf (2.2 kN)	RSH22 1,700 lbf (7.5 kN) RSH25 4,160 lbf (18.5 kN) RSH30 7,940 lbf (35.3 kN)	RSA12 130 lbf (0.6 kN) RSA16 130 lbf (0.6 kN) RSA24 1,700 lbf (7.5 kN) RSA32 4,160 lbf (18.5 kN) RSA50 7,870 lbf (35.0 kN) RSA64 13,000 lbf (58.0 kN)	RSX10 20,000 lbf (89 kN) RSX15 30,000 lbf (133 kN) RSX20 40,000 lbf (178 kN) RSX25 50,000 lbf (222 kN) RSX33P 66,000 lbf (294 kN) RSX50 100,000 lbf (445 kN)	GSA12 130 lbf (0.6 kN) GSA16 130 lbf (0.6 kN) GSA24 1,700 lbf (7.6 kN) GSA32 4,160 lbf (18.5 kN)
Max. Speed	40 in/s (1.0 m/s)	20 in/s (0.5 m/s)	123 in/s (3.1 m/s)	30 in/s (0.8 m/s)	123 in/s (3.1 m/s)
Max. Stroke	24 in (0.6 m)	48 in (1.2 m)	60 in (1.5 m)	59 in (1.5 m)	36 in (0.9 m)
IP Rating	IP40	IP69k	IP54	IP67	IP54
Housing	Stainless steel & aluminum	Stainless steel	Anodized aluminum	Anodized aluminum	Anodized aluminum
Thrust rod	Stainless steel	Stainless steel	Treated steel	Treated steel	Treated steel
Anti-rotate	Optional internal	Optional internal	Standard internal	Standard internal	Standard internal
Screw types	Ball, Acme	Ball, Roller	Ball, Acme, Roller	Ball, Roller	Ball, Acme
Options	Guided tooling plate, IP67, IP69k, rod ends	Caustic-resistant seals, rod ends	IP67, rod ends, mounting options	IP67, oil cooled, rod ends, mounting options	Linear ball & composite bearing options

Your Motor Here® available for all actuators. Inline and reverse-parallel motor mounts available for all actuators

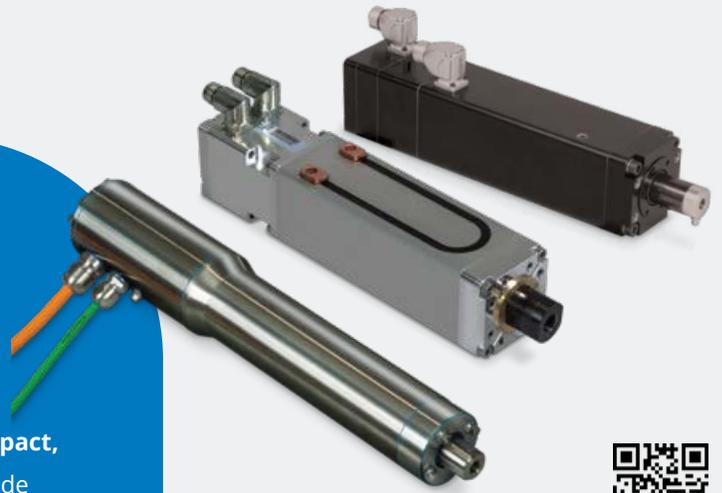
Magnetically triggered limit switches available

GSA can accommodate loads up to 1,200 lb (544 kg) and substantial side loads

ELECTRIC ACTUATORS

Rod-Style Integrated Motor

Servo Linear Actuators offer an integrated servo motor for a **compact, powerful, responsive** design. Available in standard and food-grade models with ball and roller screw selections for application flexibility.



Learn more:
tolomatic.com/sla



	IMA	IMAS	CSWX																					
	Servo Linear Actuators	Stainless Steel Servo Linear Actuators	ServoWeld® Integrated Servo Linear Actuators																					
Sizes/Models	22, 33, 44, 55	22, 33	3, 4																					
Max. Force	<table border="1"> <tr><td>IMA22</td><td>325 lbf</td><td>(1.5 kN)</td></tr> <tr><td>IMA33</td><td>2,500 lbf</td><td>(11.1 kN)</td></tr> <tr><td>IMA44</td><td>4,000 lbf</td><td>(17.8 kN)</td></tr> <tr><td>IMA55</td><td>8,000 lbf</td><td>(35.8 kN)</td></tr> </table>	IMA22	325 lbf	(1.5 kN)	IMA33	2,500 lbf	(11.1 kN)	IMA44	4,000 lbf	(17.8 kN)	IMA55	8,000 lbf	(35.8 kN)	<table border="1"> <tr><td>IMAS22</td><td>325 lbf</td><td>(1.5 kN)</td></tr> <tr><td>IMAS33</td><td>2,500 lbf</td><td>(11.1 kN)</td></tr> </table>	IMAS22	325 lbf	(1.5 kN)	IMAS33	2,500 lbf	(11.1 kN)	<table border="1"> <tr><td>CSWX</td><td>4,000 lbf</td><td>(18 kN)</td></tr> </table>	CSWX	4,000 lbf	(18 kN)
IMA22	325 lbf	(1.5 kN)																						
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IMA55	8,000 lbf	(35.8 kN)																						
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IMAS33	2,500 lbf	(11.1 kN)																						
CSWX	4,000 lbf	(18 kN)																						
Max. Speed	52 in/s (1.3 m/s)	20 in/s (0.5 m/s)	28 in/s (0.7 m/s)																					
Max. Stroke	18 in (0.5 m)	18 in (0.5 m)	12 in (0.3 m)																					
IP Rating	IP65	IP69k	IP55																					
Housing	Anodized aluminum	Stainless steel	Anodized aluminum																					
Thrust rod	Treated steel	Stainless steel	Treated steel																					
Anti-rotate	Optional internal	Optional internal	Optional internal																					
Screw types	Ball, Roller	Ball, Roller	Roller																					
Options	IP67, feedback, connectors, cables, holding brake	Feedback, connectors, fasteners, cables, holding brake	Feedback, connectors, fasteners, cables, holding brake																					

Use the Drive Integration Tool to find the right drive and cable connection to complete your system



Commissioning just got easier with our Drive Integration Tool
 Learn more: tolomatic.com/dit

ELECTRIC ACTUATORS

Rodless Screw-Drive

Rodless linear lead screw actuators with acme, ball, and roller screw configurations designed for high duty cycle applications. Features anodized aluminum design and reliable load stability with varied load and stroke length configurations available.



Learn more:
tolomatic.com/el-screw



	MXE-S	MXE-P	B3S	TRS
	Solid Bearing Carrier Rodless Linear Actuators	Profiled Bearing Carrier Rodless Linear Actuators	Recirculating Ball Bearing Carrier Linear Actuators	Twin Profile Rail Precision XY Stages
Sizes/Models	16, 25, 32, 40, 50, 63	16, 25, 32, 40, 50, 63	10, 15, 20	100, 165, 225
Max. Force	MXE16S 45 lbf (0.2 kN) MXE25S 410 lbf (1.8 kN) MXE32S 410 lbf (1.8 kN) MXE40S 800 lbf (3.6 kN) MXE50S 2,700 lbf (12.0 kN) MXE63S 4,300 lbf (19.1 kN)	MXE16P 45 lbf (0.2 kN) MXE25P 410 lbf (1.8 kN) MXE32P 410 lbf (1.8 kN) MXE40P 800 lbf (3.6 kN) MXE50P 2,700 lbf (12.0 kN) MXE63P 4,300 lbf (19.1 kN)	B3S10 410 lbf (1.8 kN) B3S15 800 lbf (3.6 kN) B3S20 2,700 lbf (12.0 kN)	TRS100 870 lbf (3.9 kN) TRS165 1,280 lbf (5.7 kN) TRS225 2,830 lbf (14.9 kN)
Max. Speed	60 in/s (1.5 m/s)	60 in/s (1.5 m/s)	60 in/s (1.5 m/s)	50 in/s (1.3 m/s)
Max. Stroke	134 in (3.4 m)	134 in (3.4 m)	136 in (3.5 m)	87 in (2.2 m)
Max. Load*	MXE16S 70 lb (30 kg) MXE25S 140 lb (60 kg) MXE32S 300 lb (140 kg) MXE40S 450 lb (200 kg) MXE50S 630 lb (290 kg) MXE63S 1,040 lb (470 kg)	MXE16P 430 lb (190 kg) MXE25P 900 lb (410 kg) MXE32P 1,140 lb (520 kg) MXE40P 1,470 lb (670 kg) MXE50P 2,030 lb (920 kg) MXE63P 2,580 lb (1,170 kg)	B3S10 2,360 lb (1,070 kg) B3S15 5,800 lb (2,640 kg) B3S20 8,000 lb (3,640 kg)	TRS100 1,100 lb (490 kg) TRS165 1,360 lb (620 kg) TRS225 4,300 lb (1,960 kg)
IP Rating	IP44	IP44	IP44	IP44
Housing	Anodized aluminum	Anodized aluminum	Anodized aluminum	Anodized aluminum
Carrier Bearings	Engineered resin	Profiled Rail	Recirculating ball bearing	Profiled Rail
Options	Auxiliary carrier, floating mount, tube clamps	Auxiliary carrier, tube clamps	Auxiliary carrier, dual 180 carrier, tube clamps	Auxiliary carrier, tube clamps

*Maximum load with options

Your Motor Here® available for all actuators. Inline and reverse-parallel motor mounts available for all actuators
Magnetically triggered limit switches available

ELECTRIC ACTUATORS

Rodless Belt-Drive

High speed linear belt driven actuators designed with stroke lengths up to 400 inches with optimal repeatability and high duty cycle performance in a variety of body sizes.



Learn more:
tolomatic.com/el-belt



	MXB-U	MXB-S	MXB-P	B3W
	Unguided Carrier Rodless Linear Actuators	Solid Bearing Carrier Rodless Linear Actuators	Profiled Bearing Carrier Rodless Linear Actuators	Recirculating Ball Bearing Carrier Linear Actuators
Sizes/Models	16, 25, 32, 40, 50, 63	16, 25, 32, 40, 50, 63	16, 25, 32, 40, 50, 63	10, 15, 20
Max. Force	MXB16U 40 lbf (0.2 kN) MXB25U 150 lbf (0.7 kN) MXB32U 210 lbf (0.9 kN) MXB40U 250 lbf (1.1 kN) MXB50U 320 lbf (1.4 kN) MXB63U 420 lbf (1.9 kN)	MXB16S 40 lbf (0.2 kN) MXB25S 150 lbf (0.7 kN) MXB32S 210 lbf (0.9 kN) MXB40S 250 lbf (1.1 kN) MXB50S 320 lbf (1.4 kN) MXB63S 420 lbf (1.9 kN)	MXB16P 40 lbf (0.2 kN) MXB25P 150 lbf (0.7 kN) MXB32P 210 lbf (0.9 kN) MXB40P 250 lbf (1.1 kN) MXB50P 320 lbf (1.4 kN) MXB63P 420 lbf (1.9 kN)	B3W10 150 lbf (0.7 kN) B3W15 250 lbf (1.1 kN) B3W20 325 lbf (1.5 kN)
Max. Speed	200 in/s (5.1 m/s)	100 in/s (2.5 m/s)	150 in/s (3.8 m/s)	200 in/s (5.1 m/s)
Max. Stroke	414 in (10.5 m)	414 in (10.5 m)	414 in (10.5 m)	470 in (11.9 m)
Max. Load*	-	MXB16S 70 lb (30 kg) MXB25S 140 lb (60 kg) MXB32S 300 lb (140 kg) MXB40S 450 lb (200 kg) MXB50S 630 lb (290 kg) MXB63S 1,040 lb (470 kg)	MXB16P 430 lb (190 kg) MXB25P 900 lb (410 kg) MXB32P 1,140 lb (520 kg) MXB40P 1,470 lb (670 kg) MXB50P 2,030 lb (920 kg) MXB63P 2,580 lb (1,170 kg)	B3W10 2,360 lb (1,070 kg) B3W15 5,800 lb (2,640 kg) B3W20 8,000 lb (3,640 kg)
IP Rating	-	-	-	IP44
Housing	Anodized aluminum	Anodized aluminum	Anodized aluminum	Anodized aluminum
Carrier Bearings	-	Engineered resin	Profiled Rail	Recirculating ball bearing
Options	Tube clamps	Auxiliary carrier, floating mount, tube clamps	Auxiliary carrier, tube clamps	Auxiliary carrier, dual 180 carrier, tube clamps

*Maximum load with options

Your Motor Here® available for all actuators. Inline and reverse-parallel motor mounts available for all actuators
 Magnetically triggered limit switches available

PNEUMATIC Rodless Band Cylinders

Rodless Pneumatic Band Cylinders provide optimal moment load control and a variety of options for a wide range of applications from opening CNC machine doors to positioning pallets of parts.



Learn more:
tolomatic.com/band-cyl



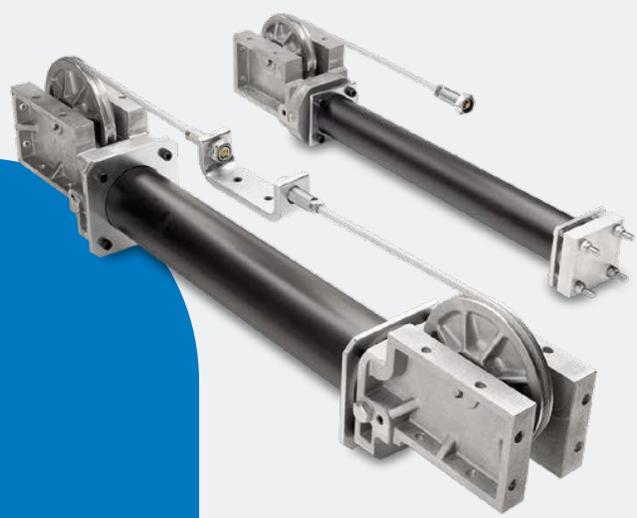
	MXP-N	MXP-S	MXP-P	BC2	BC3
	Internal Bearing Carrier Band Cylinders	Solid Bearing Carrier Band Cylinders	Profiled Rail Bearing Carrier Band Cylinders	Solid Bearing Carrier Band Cylinders	Recirculating Ball Bearing Carrier Band Cylinders
Sizes/Models	16, 25, 32, 40, 50, 63	16, 25, 32, 40, 50, 63	16, 25, 32, 40, 50, 63	05, 10, 12, 15, 20, 25	10, 15, 20
Max. Force	MXP16N 30 lbf (0.1 kN) MXP25N 80 lbf (0.3 kN) MXP32N 120 lbf (0.5 kN) MXP40N 180 lbf (0.8 kN) MXP50N 310 lbf (1.4 kN) MXP63N 490 lbf (2.2 kN)	MXP16S 30 lbf (0.1 kN) MXP25S 80 lbf (0.3 kN) MXP32S 120 lbf (0.5 kN) MXP40S 180 lbf (0.8 kN) MXP50S 310 lbf (1.4 kN) MXP63S 490 lbf (2.2 kN)	MXP16P 30 lbf (0.1 kN) MXP25P 80 lbf (0.3 kN) MXP32P 120 lbf (0.5 kN) MXP40P 180 lbf (0.8 kN) MXP50P 310 lbf (1.4 kN) MXP63P 490 lbf (2.2 kN)	BC205 20 lbf (0.1 kN) BC210 80 lbf (0.3 kN) BC212 120 lbf (0.5 kN) BC215 180 lbf (0.8 kN) BC220 310 lbf (1.4 kN) BC225 500 lbf (2.2 kN)	BC310 80 lbf (0.3 kN) BC315 180 lbf (0.8 kN) BC320 310 lbf (1.4 kN)
Max. Pressure	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)
Max. Stroke	206 in (5.2 m)	206 in (5.2 m)	206 in (5.2 m)	350 in (8.9 m)	205 in (5.2 m)
Max. Load*	MXP16N 60 lb (30 kg) MXP25N 130 lb (60 kg) MXP32N 230 lb (100 kg) MXP40N 390 lb (180 kg) MXP50N 540 lb (240 kg) MXP63N 740 lb (340 kg)	MXP16S 70 lb (30 kg) MXP25S 140 lb (60 kg) MXP32S 300 lb (140 kg) MXP40S 450 lb (200 kg) MXP50S 630 lb (290 kg) MXP63S 1,040 lb (470 kg)	MXP16P 430 lb (200 kg) MXP25P 900 lb (410 kg) MXP32P 1,140 lb (520 kg) MXP40P 1,470 lb (670 kg) MXP50P 2,030 lb (920 kg) MXP63P 2,580 lb (1,170 kg)	BC205 5 lb (2 kg) BC210 120 lb (50 kg) BC212 240 lb (110 kg) BC215 360 lb (160 kg) BC220 600 lb (270 kg) BC225 800 lb (360 kg)	BC310 2,360 lb (1,700 kg) BC315 5,800 lb (2,640 kg) BC320 8,000 lb (3,640 kg)
Housing	Anodized aluminum	Anodized aluminum	Anodized aluminum	Anodized aluminum	Anodized aluminum
Carrier Bearings	Engineered resin	Engineered resin	Profiled Rail	Engineered resin	Recirculating ball bearing
Options	Auxiliary carrier, tube clamps	Auxiliary carrier, floating mount, tube clamps	Auxiliary carrier, tube clamps	Auxiliary carrier, floating mount, tube clamps	Auxiliary carrier, dual 180 carrier, tube clamps

*Maximum load with options

Magnetically triggered limit switches available

PNEUMATIC Cable Cylinders

Tolomatic cable cylinders – with pneumatic design – can be isolated from any work area with extended cable lengths for maximum application flexibility.



Learn more:
tolomatic.com/cc-sa



	CC	SA																																																									
	Double-Acting Pneumatic Cable Cylinders	Single-Acting Pneumatic Cable Cylinders																																																									
Sizes/Models	05, 07, 10, 15, 20, 25, 30, 40, 52, 50	07, 10, 15, 20, 25, 30, 40, 52, 50																																																									
Max. Force	<table border="1"> <tr><td>cc05</td><td>20 lbf</td><td>(0.1 kN)</td></tr> <tr><td>cc07</td><td>40 lbf</td><td>(0.2 kN)</td></tr> <tr><td>cc10</td><td>80 lbf</td><td>(0.3 kN)</td></tr> <tr><td>cc15</td><td>170 lbf</td><td>(0.8 kN)</td></tr> <tr><td>cc20</td><td>620 lbf</td><td>(2.7 kN)</td></tr> <tr><td>cc25</td><td>970 lbf</td><td>(4.3 kN)</td></tr> <tr><td>cc30</td><td>1,250 lbf</td><td>(5.6 kN)</td></tr> <tr><td>cc40</td><td>1,400 lbf</td><td>(6.2 kN)</td></tr> <tr><td>cc52</td><td>1,530 lbf</td><td>(6.8 kN)</td></tr> <tr><td>cc50</td><td>1,920 lbf</td><td>(8.5 kN)</td></tr> </table>	cc05	20 lbf	(0.1 kN)	cc07	40 lbf	(0.2 kN)	cc10	80 lbf	(0.3 kN)	cc15	170 lbf	(0.8 kN)	cc20	620 lbf	(2.7 kN)	cc25	970 lbf	(4.3 kN)	cc30	1,250 lbf	(5.6 kN)	cc40	1,400 lbf	(6.2 kN)	cc52	1,530 lbf	(6.8 kN)	cc50	1,920 lbf	(8.5 kN)	<table border="1"> <tr><td>cc07</td><td>40 lbf</td><td>(0.2 kN)</td></tr> <tr><td>cc10</td><td>80 lbf</td><td>(0.3 kN)</td></tr> <tr><td>cc15</td><td>170 lbf</td><td>(0.8 kN)</td></tr> <tr><td>cc20</td><td>620 lbf</td><td>(2.7 kN)</td></tr> <tr><td>cc25</td><td>970 lbf</td><td>(4.3 kN)</td></tr> <tr><td>cc30</td><td>1,250 lbf</td><td>(5.6 kN)</td></tr> <tr><td>cc40</td><td>1,400 lbf</td><td>(6.2 kN)</td></tr> <tr><td>cc52</td><td>1,530 lbf</td><td>(6.8 kN)</td></tr> <tr><td>cc50</td><td>1,920 lbf</td><td>(8.5 kN)</td></tr> </table>	cc07	40 lbf	(0.2 kN)	cc10	80 lbf	(0.3 kN)	cc15	170 lbf	(0.8 kN)	cc20	620 lbf	(2.7 kN)	cc25	970 lbf	(4.3 kN)	cc30	1,250 lbf	(5.6 kN)	cc40	1,400 lbf	(6.2 kN)	cc52	1,530 lbf	(6.8 kN)	cc50	1,920 lbf	(8.5 kN)
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cc40	1,400 lbf	(6.2 kN)																																																									
cc52	1,530 lbf	(6.8 kN)																																																									
cc50	1,920 lbf	(8.5 kN)																																																									
Max. Pressure**	200 PSI (13.8 bar)	200 PSI (13.8 bar)																																																									
Max. Stroke	282 in (7.2 m)	282 in (7.2 m)																																																									
Housing	Anodized aluminum	Anodized aluminum																																																									
Options	Automatic tensioner, 3 ported head, steel tube	Automatic tensioner, 3 ported head, steel tube																																																									

**CC52 Max Pressure is 500 PSI (34.5 bar)
Magnetically triggered limit switches available

POWER TRANSMISSION

Right Angle Gearboxes

Industrial right angle gearbox designs that can turn power around any corner.



Learn more:
tolomatic.com/gearbox



Slide-Rite Gearbox	Ratio	No. of Models
Compact	1:1	12
Compact CR	1:1	6
Standard	1:1	24
Standard	3:2, 2:1	12, 18
Standard-CR	1:1	12

Designed to slide along the shaft

One-piece housing, geared sleeve and sealed bearings eliminate leakage

Shaft speeds up to 1,200 RPM

Pre-lubricated and ready for installation

Multiple bore sizes in US Standard & metric

Float-A-Shaft Gearbox	Ratio	No. of Models
Compact	1:1	18
Compact Foot Mount	1:1	18
Standard	1:1, 3:2, 2:1	44, 22, 36
Standard Flat Base	1:1, 3:2, 2:1	44, 22, 24
Standard	2.5:1	12

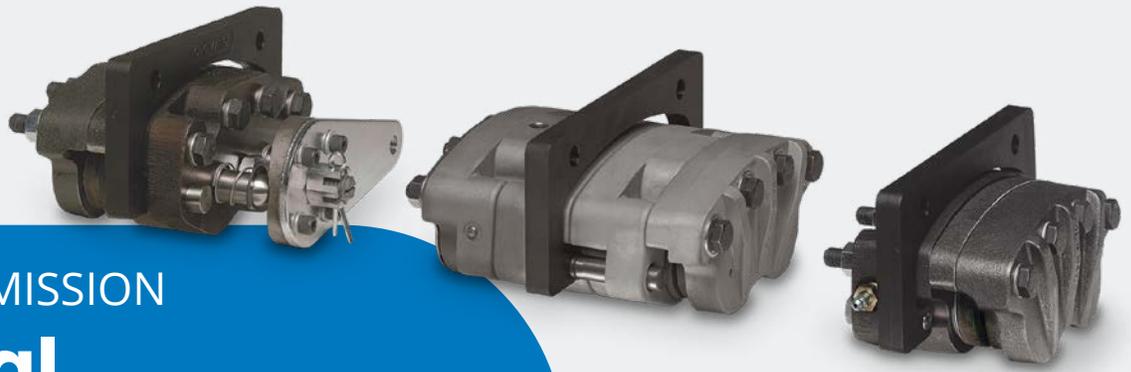
Designed to slide along the shaft

Die-cast aluminum gear-case, hardened steel gears

Shaft speeds up to 500 RPM

Low or high torque bearings

Multiple bore sizes in US Standard & metric



POWER TRANSMISSION Industrial Caliper Disc Brakes

Industrial caliper brakes in both single and double acting models: pneumatic, hydraulic, mechanical, combination hydraulic/mechanical, and spring applied.

Learn more: tolomatic.com/brakes



	Pneumatic	Hydraulic	Hydraulic/Mechanical	Mechanical	Spring Applied
No. of Models	36	109	24	36	38
*Max. Dynamic Torque	2,080 in-lbs (235 Nm)	66,400 in-lbs (7,500 Nm)	10,000 in-lbs (1,130 Nm)	33,700 in-lbs (3,810 Nm)	-
*Max. Static Torque	1,040 in-lbs (120 Nm)	38,800 in-lbs (4,380 Nm)	5,010 in-lbs (570 Nm)	16,800 in-lbs (1,900 Nm)	62,100 in-lbs (7,020 Nm)
Features	Double acting or single acting Aluminum construction with zinc plated bolts, Buna-N seals	Double acting or single acting Aluminum or cast iron construction with zinc plated bolts, bleeder screws, Buna-N seals	Single acting Aluminum construction with zinc plated bolts	Single acting Aluminum or cast iron construction with zinc plated bolts	Single acting with Belleville® spring washers Aluminum or cast iron construction with zinc plated bolts, bleeder screws, Buna-N seals Braking is applied when hydraulic pressure is released
	Replaceable, high-grade friction material				
Options	EPR seals, Viton® seals Retractable pistons, floating bracket	EPR seals, Viton® seals Retractable pistons, floating bracket	EPR seals, Viton® seals Retractable pistons, floating bracket	Choice of lever length Floating bracket	EPR seals Manual lining wear compensators

*based on 16 in (406 mm) disc

**The Trusted Partner
When Motion Matters**

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- Performance When Motion Matters
- Engineering Collaboration
- Right Product, Right Fit, On Time
- Save Time with Engineering Tools



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