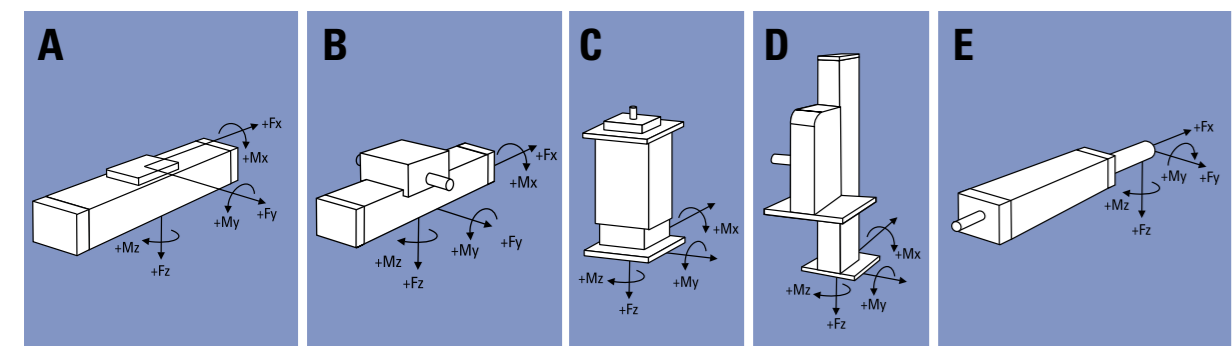


## Photos of the Units

<b>Ball Screw Drive, Ball Guide</b> 1  2  3 	<b>Belt Drive, Ball Guide</b> 6  7  8  9 	<b>Linear Lifting Units</b> 14  15  16 
<b>Ball Screw Drive, Slide Guide</b> 4  5 	<b>Belt Drive, Slide Guide</b> 10  11 	<b>Linear Rod Units</b> 17  18  19 
	<b>Belt Drive, Wheel Guide</b> 12  13 	

## Definition of Forces

Please use these definitions when referring to a force that are applied to the unit.



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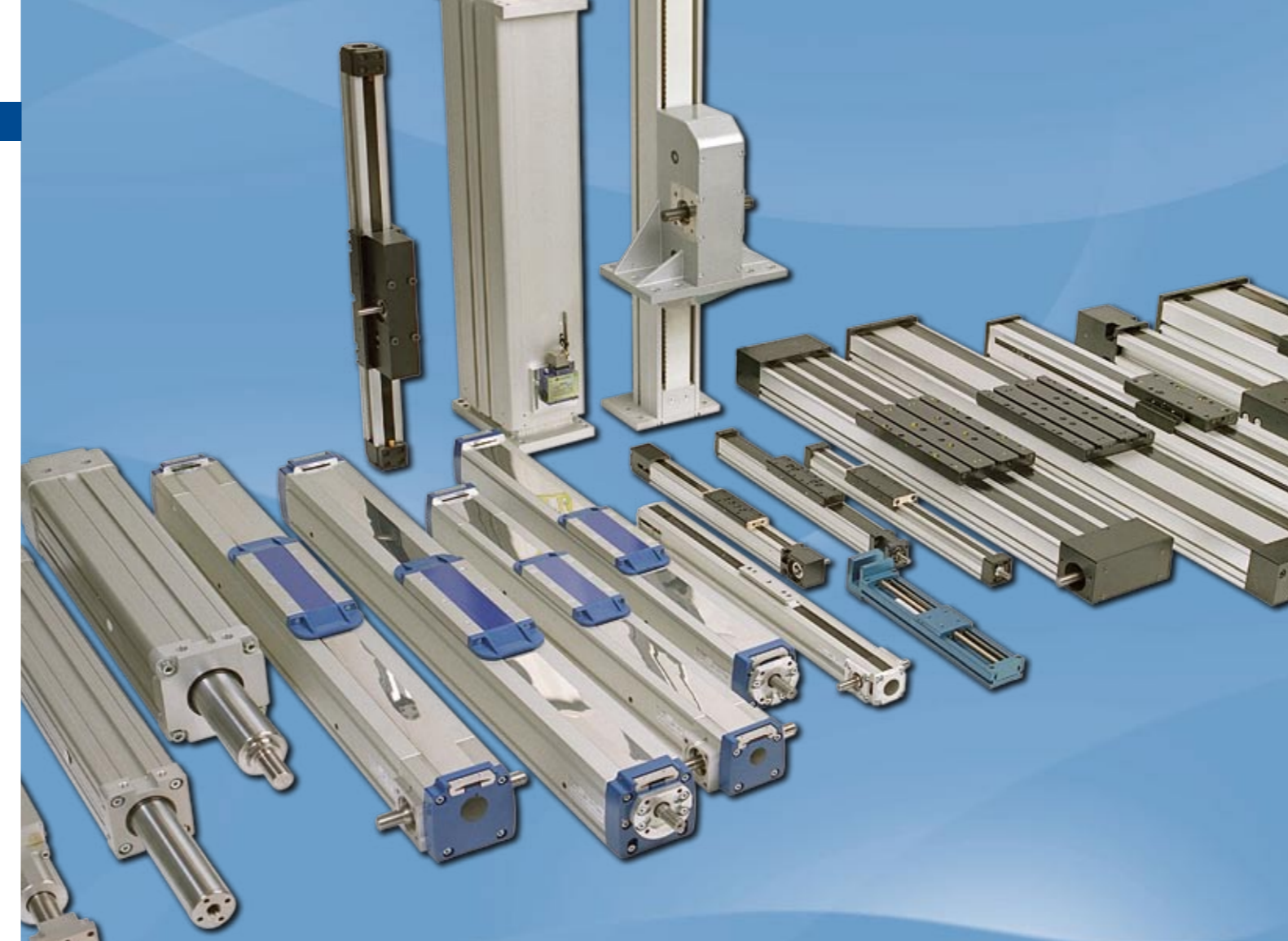
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# Linear Units Quick Selection Guide



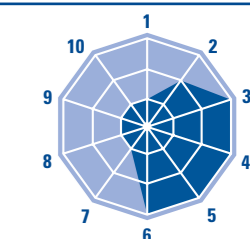
## Product Groups

Danaher Motions linear units are divided in to seven product groups depending of the drive and guiding method being used.

### Ball screw driven - ball guided units

Units designed for high thrust, payload, precision and stiffness.

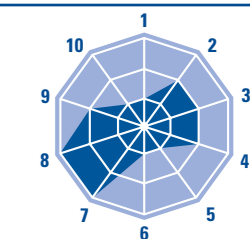
- Force up to 12000 N
- Repeatability down to 0,005mm



### Ball screw driven - slide guided units

Low cost units for high thrust applications and demanding environments.

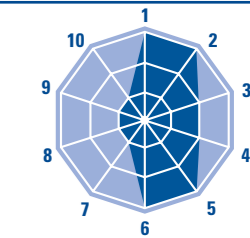
- Durable guide system
- Washdown protected version



### Belt driven - ball guided units

Smooth running units for high speed, acceleration and load requiring a long lifetime.

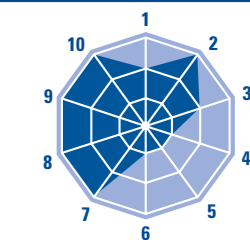
- Speed up to 5 m/s
- Acceleration up to 40 m/s²



### Belt driven - slide guided units

Units for applications requiring smooth travel, high speed, high acceleration and low maintenance.

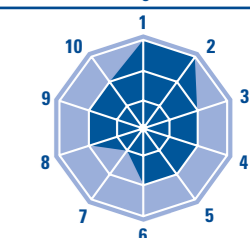
- Cost efficient guide system
- Chemically protected versions



### Belt driven - wheel guided units

Units for high speed, high acceleration, smooth motion and medium to high loads.

- Speed up to 10 m/s
- Acceleration up to 40 m/s²



### Linear lifting units

Units for lifting applications that often are used in X-Y configurations in combination with other linear units.

1. Velocity
2. Acceleration
3. Repeatability
4. Force
5. Load torque
6. Stiffness
7. Guide robustness
8. Cost
9. Maintenance
10. Noise

### Linear rod units

Units designed for lifting applications or for the replacement of hydraulic and pneumatic cylinders.

