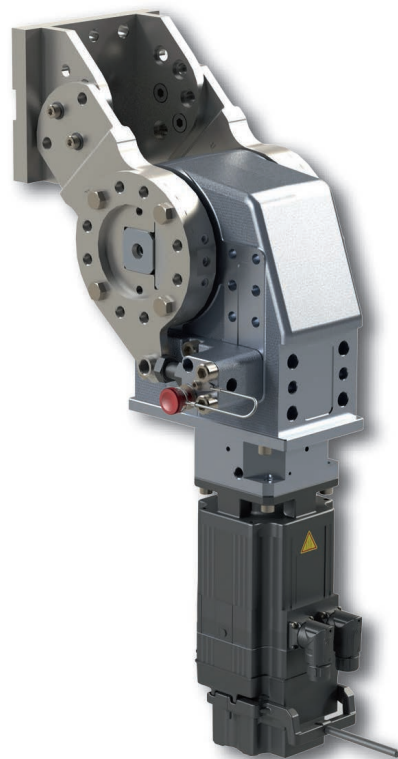


98W SERIES

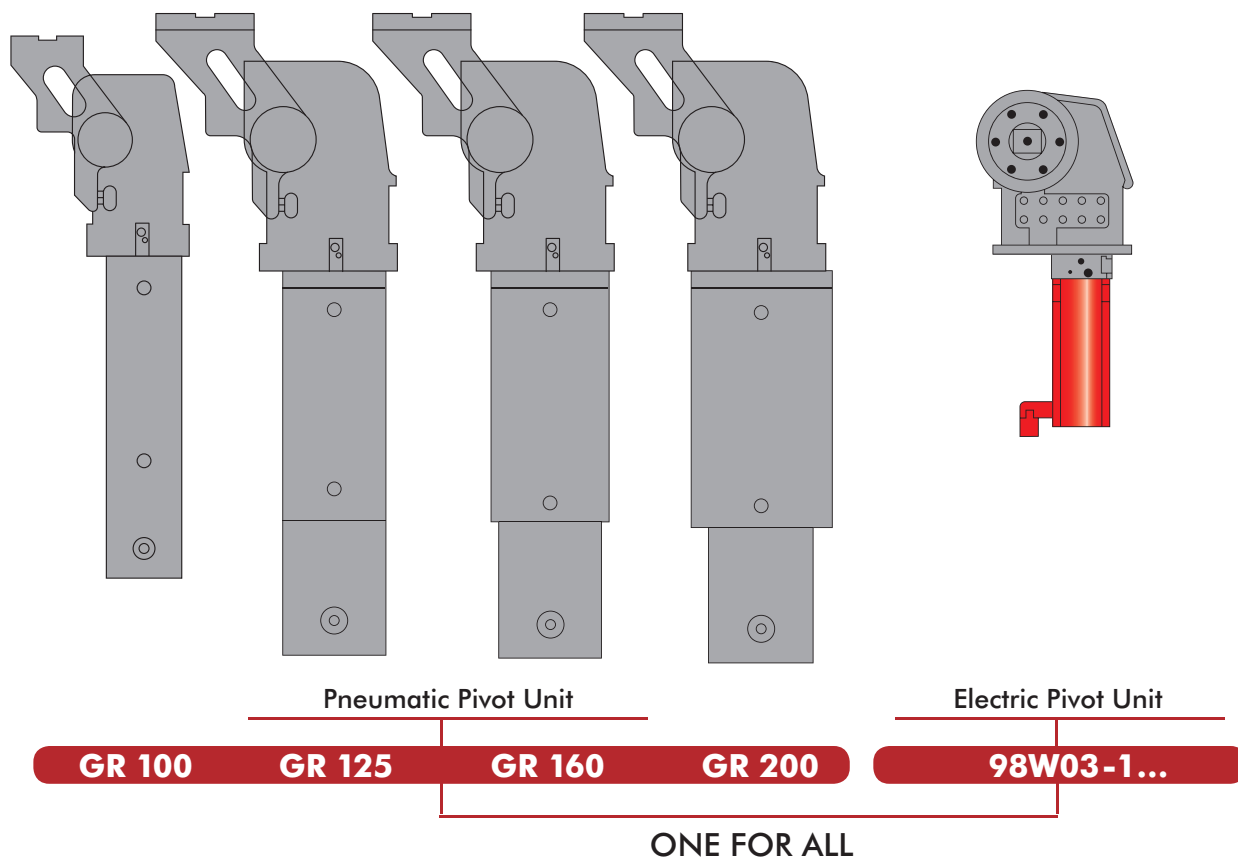
Electric Pivot Unit | Features and Benefits, Sizing Information

Features:

- One size
- Programmable adjustment of swivel angle/positioning
- Two operating modes: Programmed setting and continuous operation
- Constant torque
- Early cycle release possible
- Variable swivel angle over 360°
- Multiple swivel-angle positions, easily adjustable
- Versatile mounting positions
- Energy saving
- Reduced weight
- Controlled acceleration and deceleration
- Self-locking
- Variable arm
- Compatible with multiple motors
- Interchangeable with common pneumatic pivot units with 125/160/200 mm cylinder sizes



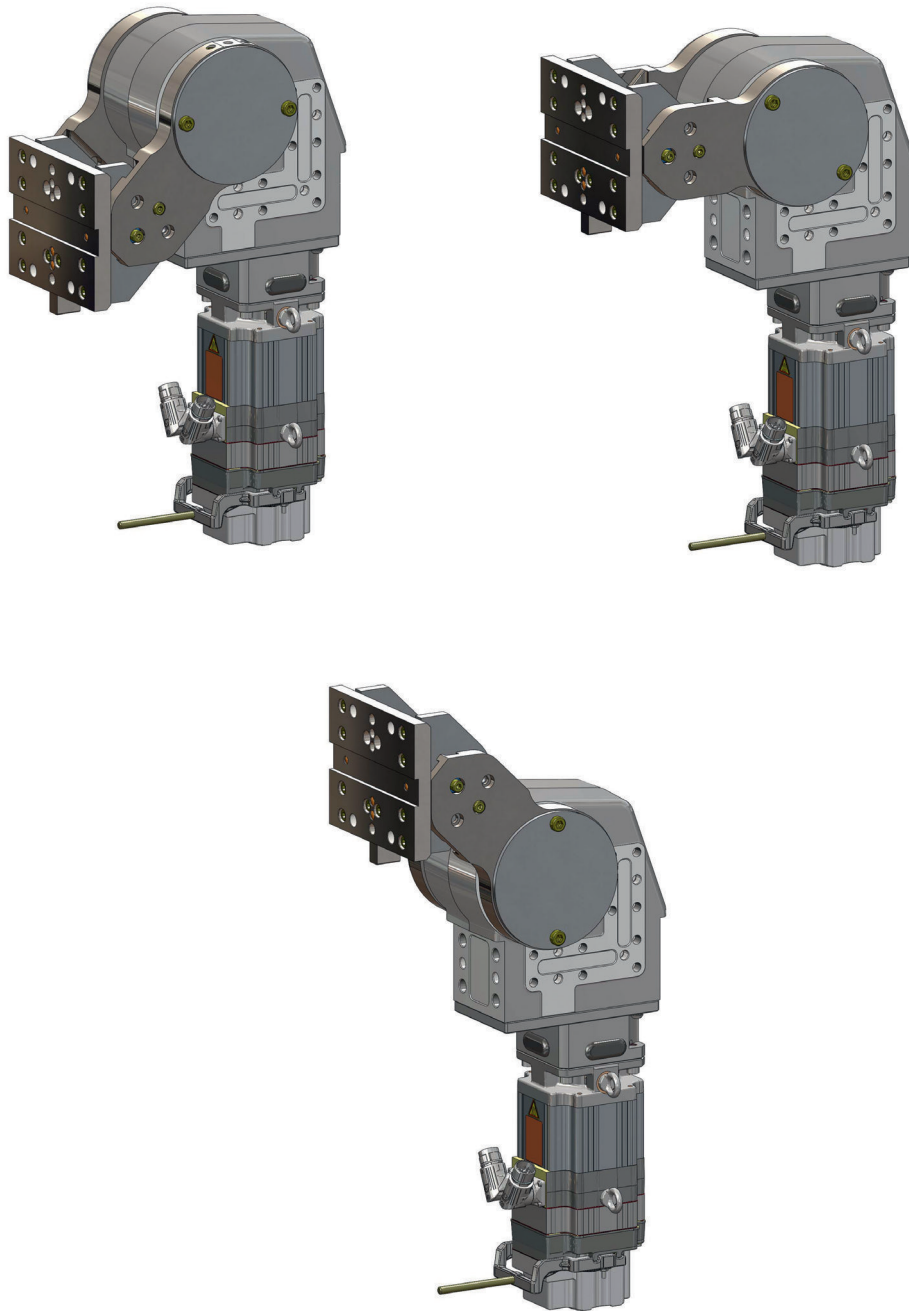
Comparison of sizes



ELECTRIC PIVOT UNIT

2-Jaw Parallel Grippers | Variable Arm

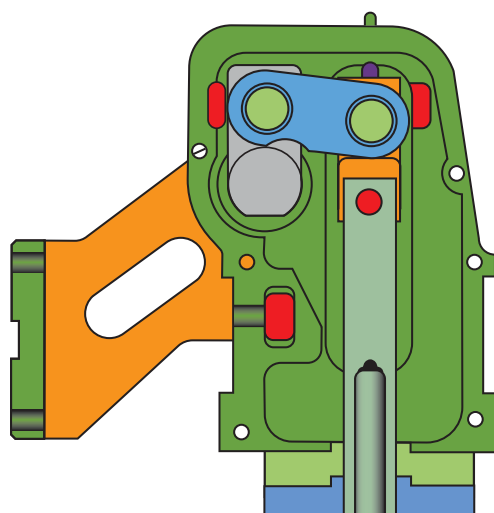
High application flexibility: The variable arm of the Electric Pivot Unit can be adjusted in three different positions, whereby the Pneumatic Pivot Unit utilizes different arm types for multiple positions.



98W SERIES

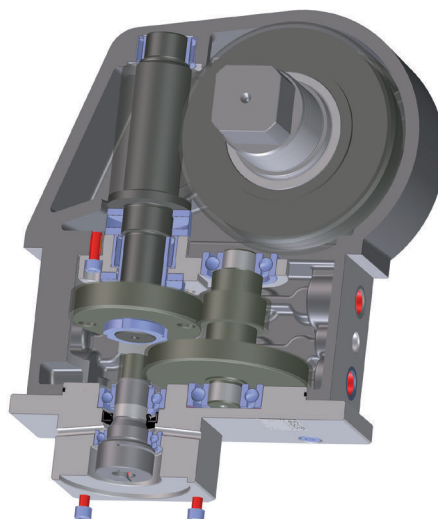
Electric Pivot Unit | Technical Specifications

The Pneumatic Pivot Unit operates with a toggle-action mechanism period.

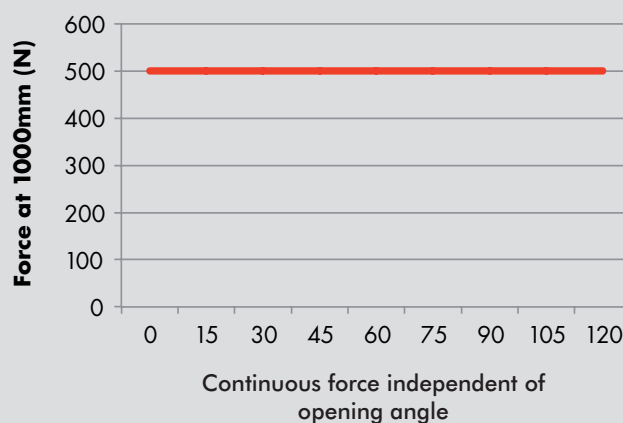
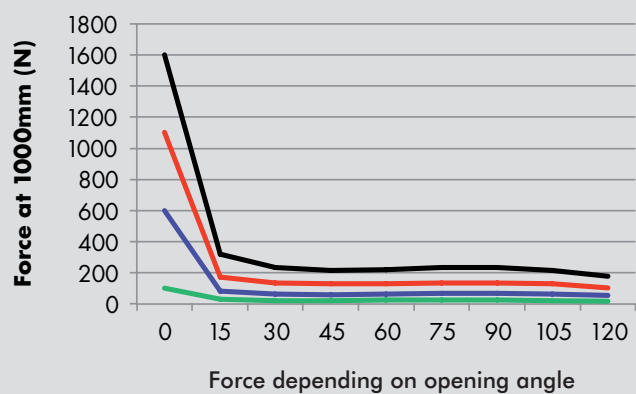


The Electric Pivot Unit implements a worm gear to rotate.

98W _ _ _



This results in different force diagrams

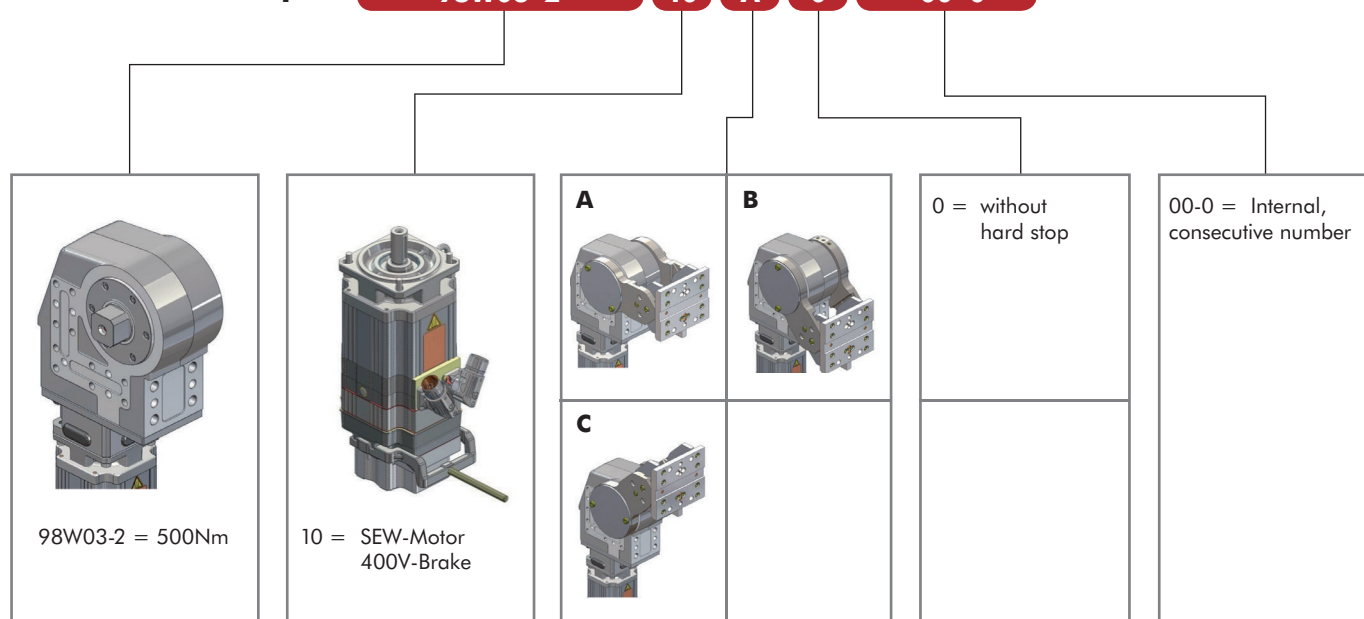


Technical information:

Input supply voltage for external controller	400 VAC
Control signal of external programmable controller	
Feedback signal to external programmable controller	
Operating modes	
• Rotation from 135° to 0°	4 sec/135°
• Holding	3 sec
• Rotation from 0° to 135°	4 sec/135°
• Holding	3 sec
Torque	500 Nm
Static holding torque	2000 Nm
Motor torque to be limited	Max. 6Nm
Duty cycle	70%
E-Stop	0.4 sec @ 500 N = ca. 10°
Acceleration	2 sec
Slow down	2 sec
Weight	46 kg
Repeatability with hard stop	± 0.01mm @ 500mm
Repeatability without hard stop	± 0.05mm @ 500mm

Order Number

Example: **98W03-2** **10** **A** **0** **-00-0**



Electric Pivot Unit | Wiring Diagram



Holding fixture with BodyBuilder profiles and power clamps
82M attached to an Electric Pivot Unit

