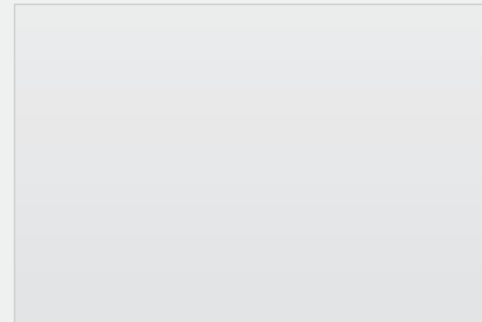
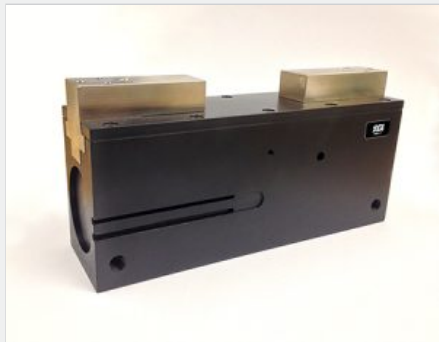


## AGLP-16 T-SLOT BEARING SERIES PARALLEL GRIPPER



### PRODUCT SPECIFICATIONS

**Design:** Parallel, Double Acting, Synchronized Jaws

**Stroke:** 1.00 in [25.4 mm] 2.00 in [50.8 mm] 3.00 in [76.2 mm]

**Gripping Force @ 80 PSI [5.5 BAR]**

Closing: 120 lbs [533 N]

Opening: 120 lbs [533 N]

**Time:**

Close: 0.25 sec [0.2 sec]

Open: 0.25 sec [0.2 sec]

**Pressure Range:**

Low/High 10-120 PSI [.7-7 BAR]

**Temperature Range:**

Low/High -20°/180°F [-28°/80°C]

**Side Play:** ± 0.001 [.03 mm]

**Loading Capacity:** Static – Dynamic

Max Tensile T

310lbs	103 lbs
[1000 N]	[333 N]

### FEATURES & BENEFITS

- Jaws are T-Slot bearing supported to prevent jaw breakage and offer superior load bearing performance.
- Rugged rack and pinion synchronizing.
- High gripping force to weight ratio.
- Compact Design with long stroke.
- True parallel jaw motion for easy tooling.
- Units are permanently lubricated for non-lube air operation, this allowing for compliance with OSHA regulations.
- Piston seals are quad ring type for long service life.
- Hall effect sensors are available to monitor open and closed positions of the jaws.
- AGLP is fully field repairable for cost savings and minimum down time.
- Gripper can be ordered with 3 different stroke on the same size body.

**Max Compressive C**

310 lbs	103 lbs
[1000 N]	[333 N]

**Max Moment Mx**

785 in/lb	262 in/lb
[88.7 Nm]	[29.6 Nm]

**Max Moment My**

940 in/lb	313 in/lb
[106.2 Nm]	[35.3 Nm]

**Max Moment Mz**

785 in/lb	262 in/lb
[88.7 Nm]	[29.6 Nm]

**Material:** High Strength,Hard Coated aluminum bronze alloys, Steel

**Weight:** 8 lb [3.62 kg]

**Piston Diameter:** 2.00 in [50.8 mm]



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