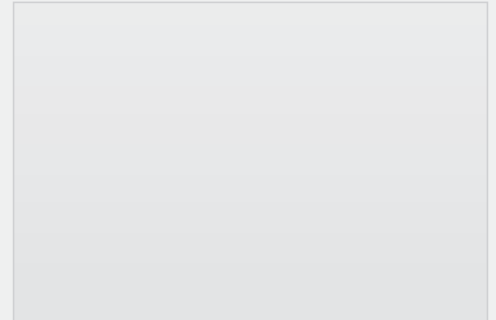
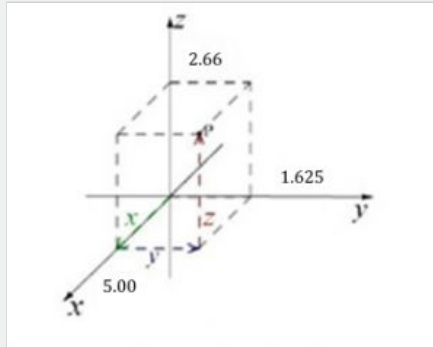


AGLP-8 T-SLOT BEARING SERIES PARALLEL GRIPPER



PRODUCT SPECIFICATIONS

Design: Parallel, Double Acting, Synchronized Jaws

Stroke: 0.50 in [12.7 mm] 1.00 in [25.4 mm] 1.50 in [38.1 mm]

Gripping Force @ 80 PSI [5.5 BAR]

Closing: 45 lbs [200 N]

Opening: 45 lbs [200 N]

Time:

Close: 0.2 sec [0.2 sec]

Open: 0.2 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

165lbs

[734 N]

55 lbs

[245 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

165 lbs	55 lbs
[734 N]	[245 N]

Max Moment Mx

100 in/lb	33 in/lb
[11.3 Nm]	[3.7 Nm]

Max Moment My

125 in/lb	42 in/lb
[14.1 Nm]	[4.7 Nm]

Max Moment Mz

100 in/lb	33 in/lb
[11.3 Nm]	[3.7 Nm]

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

Weight: 2 lb [.90 kg]

Piston Diameter: 1.250 in [31.7 mm]



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