

AGPS-1-1 Parallel Gripper

Single Finger, One Fixed Jaw



FEATURES AND BENEFITS

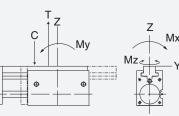
- T-Slot bearing support for the carriage and end plate offers superior load bearing performance throughout the stoke.
- Standard built-in stroke adjustment and stroke lock for precise, repetitive operation.
- Compact, lightweight unit with built-in cylinder.
- Piston seals are U-CUP type for long service life.
- Hall Effect sensors are available to monitor stroke position.
- Multiple mounting surfaces on the body and endplate with threaded and counterbored holes for easy mounting choices.
- Adjustable stoke on extend and retract.

SPECIFICATIONS

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Design: Built-in air cylinder T-slot slide

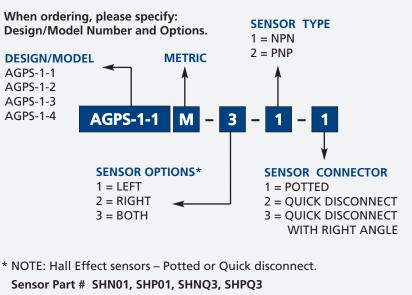
Stroke:	.5 in adj	[12.7 mm]		
Thrust Force @ 80 PS Extended: Retract:	I [5.5 BAR] 15 lbs 13 lbs	[66.7 N] [57.8 N]		
Recommended Speed:	2-12 in/sec [0.53m/se	-		
Pressure Range: Low/High	20-120 PS	I [1.4-8 BAR]		
Temperature Range: Low/High	-20°/150°F	[-28°/80°C]		
Side Play:	± 0.001	[.03 mm]		
Maximum Payload:	3 lbs	[1.3 kg]		
Material: High Strength, Aluminum Alloys, Bronze				
Weight:	2.5 oz	[70.1 g]		
Piston Diameter:	.50 in	[12.7 mm]		
January 2008 - PATENTED Made in the USA				



MAXIMUM FORCES & MOMENTS

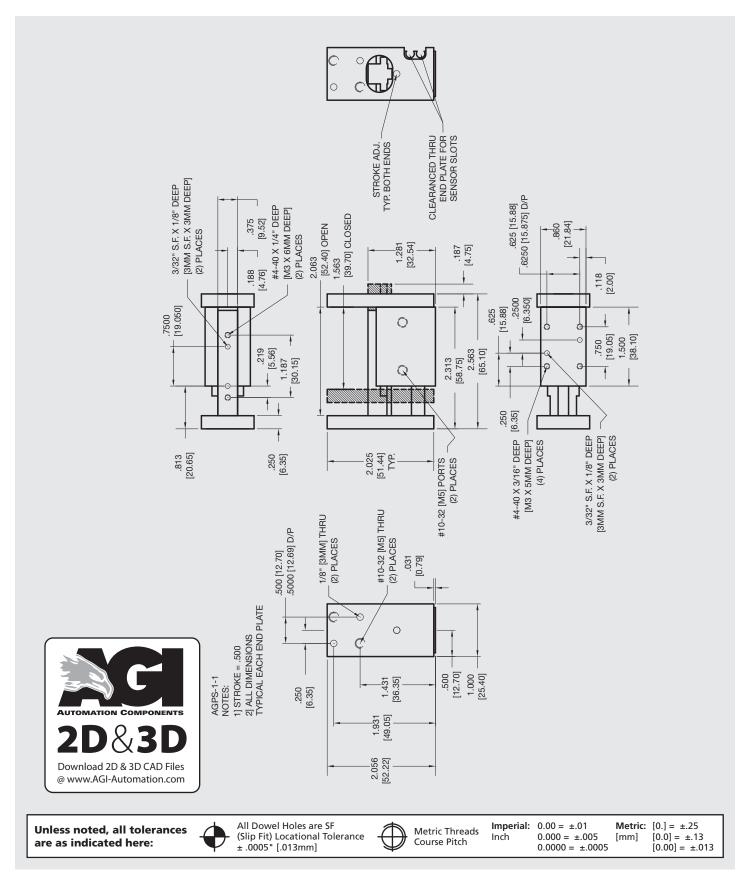
		Static	Dynamic
	Max Tensile T	50 lbs	20 lbs
		[222 N]	[89 N]
	Max Compressive C	50 lbs	20 lbs
Лх		[222 N]	[89 N]
-Y	Max Moment M _x	25 in/lb	15 in/lb
	~	[2.8 Nm]	[1.7Nm]
	Max Moment M _v	30 in/lb	15 in/lb
	y	[3.4 Nm]	[1.7Nm]
	Max Moment M ₇	30 in/lb	15 in/lb
	-	[3.4 Nm]	[1.7Nm]

HOW TO ORDER





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American Grippers, Inc. 171 Spring Hill Road, Trumbull, CT 06611 Tel: 203-459-8345 • Fax: 203-452-5943 info@AGI-Automation.com • www.AGI-Automation.com

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