**AGM Gripper & Rotary Modules**

**Rotary Manifold, Ultra Low Profile, Zero Backlash Units**

**ADVANCED FEATURES AND BENEFITS**
- Internal Porting of Motion Module thru a rotary manifold.
- This prevents airlines from twisting, rubbing and sagging outside the unit.
- The rotary manifold connects the gripper and rotary actuator.
- This yields a versatile automation module system for assembly.

**PRODUCT DETAILS:**
Multi-Motion Actuators provide linear and rotary motion from one unit. The grip-and-turn motions are independent from one another, making it easy to sequence the two motions. The Multi Motion Module yields a versatile automation module for part pick and place applications and orientation operations. Internal porting prevents airlines from twisting, snagging, and breaking outside the unit.

**MODULE COMBINATIONS:**

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<th>Rotary</th>
<th>Gripper</th>
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</table>
AGM-1/AGM-2 Module
Light Duty 12 oz. Payload

**MODULE CALLOUTS**
AGM-1 = AGR-1-90° + AGP-250
AGM-2 = AGR-1-180° + AGP-250

**QUICK TECHNICALS**
Payload Capacity of Rotary Assembly:  = (1) AGP-250 Gripper + 12 oz.

- **Gripper:** AGP-250
- **Stroke:** 0.250 in.
- **Closing/Opening:** 20/22 lbs/in²
- **Piston Bore:** 1.000 in.

- **Rotary:** AGR-1
- **Degree of Rotation:** 90°/180°
- **Piston Bore:** (2) x 0.500 in.

Assembly Weight w/o Payload:  12 oz.

Refer to catalog for individual product specifications
MODULE CALLOUTS
AGM-3 = AGR-2-90° + AGP-250
AGM-4 = AGR-2-180° + AGP-250

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGP-250 Gripper + 44 oz.

Gripper: AGP-250
Stroke: 0.250 in.
Closing/Opening: 20/22 lbs/in²
Piston Bore: 1.000 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 22 oz.

Refer to catalog for individual product specifications
AGM-5/AGM-6 Module
Light Duty 41 oz. Payload

MODULE CALLOUTS
AGM-5 = AGR-2-90° + AGP-375
AGM-6 = AGR-2-180° + AGP-375

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGP-375 Gripper + 41 oz.

Gripper: AGP-375
Stroke: 0.250 in.
Closing/Opening: 20/22 lbs/in²
Piston Bore: 1.000 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 26 oz.

Refer to catalog for individual product specifications
MODULE CALLOUTS
AGM-7 = AGR-2-90° + AGP-500
AGM-8 = AGR-2-180° + AGP-500

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS

Payload Capacity of Rotary Assembly: = (1) AGP-500 Gripper + 37 oz.

Gripper: AGP-500
Stroke: 0.250 in.
Closing/Opening: 37/40 lbs/in²
Piston Bore: 1.250 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 60 oz.

Refer to catalog for individual product specifications
AGM-9/AGM-10 Module
Light Duty 37 oz. Payload

MODULE CALLOUTS
AGM-9 = AGR-2-90° + AGW-250
AGM-10 = AGR-2-180° + AGW-250

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS
Payload Capacity of
Rotary Assembly: = (1) AGP-250 Gripper + 37 oz.

Gripper: AGP-250
Stroke: 0.750 in.
Closing/Opening: 22/26 lbs/in²
Piston Bore: (4) x 0.500 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight
w/o Payload: 60 oz.

Refer to catalog for individual product specifications
AGM-11/AGM-12 Module
Medium Duty 107 oz. Payload

MODULE CALLOUTS
AGM-11 = AGR-3-90° + AGW-375-1
AGM-12 = AGR-3-180° + AGW-375-1

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

1/8" NPT [G1/8] ACTUATION PORTS
[ROTARY]

#10-32 [M5] ACTUATION PORTS
[GRIPPER]

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGP-375-1 Gripper + 107 oz.

Gripper: AGP-375-1
Stroke: 1.000 in.
Closing/Opening: 36/38 lbs/in²
Piston Bore: (4) x 0.625 in.

Rotary: AGR-3
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.000 in.

Assembly Weight w/o Payload: 70 oz.

Refer to catalog for individual product specifications
**MODULE CALLOUTS**

\[ \text{AGM-13 = AGR-3-90° + AGW-375-2} \]

\[ \text{AGM-14 = AGR-3-180° + AGW-375-2} \]

**ORIENTATION SHOWN AT HOME POSITION**

**UNIT ROTATES CLOCKWISE PER THIS VIEW**

\[ \text{1/8" NPT [G1/8] ACTUATION PORTS} \]

\[ \text{[ROTARY]} \]

\[ \text{[GRIPPER]} \]

\[ \text{#10-32 [M5] ACTUATION PORTS} \]

**QUICK TECHNICALS**

**Payload Capacity of Rotary Assembly:**

\[ = (1) \text{ AGP-375-2 Gripper + 12 oz.} \]

**Gripper:** AGP-375-2

**Stroke:** 2.000 in.

**Closing/Opening:** 36/38 lbs/in²

**Piston Bore:** (4) x 0.625 in.

**Rotary:** AGR-3

**Degree of Rotation:** 90°/180°

**Piston Bore:** (2) x 1.000 in.

**Assembly Weight w/o Payload:** 80 oz.

Refer to catalog for individual product specifications
AGM-15/AGM-16 Module
Medium Duty 76 oz. Payload

MODULE CALLOUTS
AGM-15 = AGR-3-90° + AGW-375-4
AGM-16 = AGR-3-180° + AGW-375-4

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGP-375-4 Gripper + 76 oz.

Gripper: AGP-375-4
Stroke: 4.000 in.
Closing/Opening: 36/38 lbs/in²
Piston Bore: (4) x 0.625 in.

Rotary: AGR-3
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.000 in.

Assembly Weight w/o Payload: 100 oz.

Refer to catalog for individual product specifications
MODULE CALLOUTS
AGM-17 = AGR-1-90° + AGA-20
AGM-18 = AGR-1-180° + AGA-20

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGA-20 Gripper + 9 oz.

Gripper: AGA-20
Stroke: 0-180° ADJ.
Closing/Opening: 52/55 lbs/in²
Piston Bore: 0.787 in.

Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.500 in.

Assembly Weight w/o Payload: 14 oz.

Refer to catalog for individual product specifications
AGM-19/AGM-20 Module
Light Duty 40 oz. Payload

MODULE CALLOUTS
AGM-19 = AGR-2-90° + AGA-20
AGM-20 = AGR-2-180° + AGA-20

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGA-20 Gripper + 40 oz.

Gripper: AGA-20
Stroke: 0-180° ADJ.
Closing/Opening: 52/55 lbs/in²
Piston Bore: 0.787 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 25 oz.

Refer to catalog for individual product specifications
MODULE CALLOUTS
AGM-21 = AGR-3-90° + AGA-30
AGM-22 = AGR-3-180° + AGA-30

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGA-30 Gripper + 104 oz.

Gripper: AGA-30
Stroke: 0-180° ADJ.
Closing/Opening: 75/62 lbs/in²
Piston Bore: 1.125 in.

Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.000 in.

Assembly Weight w/o Payload: 72 oz.

Refer to catalog for individual product specifications
AGM-23/AGM-24 Module
Medium Duty 200 oz. Payload

**MODULE CALLOUTS**
AGM-23 = AGR-4-90° + AGA-40
AGM-24 = AGR-4-180° + AGA-40

**QUICK TECHNICALS**
Payload Capacity of Rotary Assembly: = (1) AGA-40 Gripper + 200 oz.

- **Gripper:** AGA-40
- **Stroke:** 0-180° ADJ.
- **Closing/Opening:** 180/168 lbs/in²
- **Piston Bore:** 1.150 in.

- **Rotary:** AGR-4
- **Degree of Rotation:** 90°/180°
- **Piston Bore:** (2) x 1.250 in.

**Assembly Weight w/o Payload:** 116 oz.

Refer to catalog for individual product specifications
**MODULE CALLOUTS**

AGM-25 = AGR-5-90° / 180° + AGA-50
AGM-26 = AGR-5-180° / 90° + AGA-50

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**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:  = (1) AGA-50 Gripper + 390 oz.

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<tr>
<td>Degree of Rotation</td>
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<tr>
<td>Piston Bore</td>
<td>(2) x 1.625 in.</td>
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<tr>
<td>Assembly Weight w/o Payload</td>
<td>116 oz.</td>
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Refer to catalog for individual product specifications
AGM-27/AGM-28 Module
Light Duty 38 oz. Payload

MODULE CALLOUTS
AGM-27 = AGR-2-90° + AGP-23
AGM-28 = AGR-2-180° + AGP-23

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGP-23 Gripper + 38 oz.

Gripper: AGP-50
Stroke: 0.300 in.
Closing/Opening: 29/26 lbs/in²
Piston Bore: 1.250 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 28 oz.

Refer to catalog for individual product specifications
**MODULE CALLOUTS**

AGM-29 = AGR-3-90° + AGP-43
AGM-30 = AGR-3-180° + AGP-43

**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly: = (1) AGP-43 Gripper + 112 oz.

Gripper: AGP-43
Stroke: 0.400 in.
Closing/Opening: 80/86 lbs/in²
Piston Bore: 2.000 in.

Rotary: AGR-3
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.000 in.

Assembly Weight w/o Payload: 64 oz.

Refer to catalog for individual product specifications
AGM-31/AGM-32 Module
Medium Duty 200 oz. Payload

MODULE CALLOUTS
AGM-31 = AGR-4-90° + AGP-63
AGM-32 = AGR-4-180° + AGP-63

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGP-63 Gripper + 200 oz.

Gripper: AGP-63
Stroke: 0.620 in.
Closing/Opening: 200/194 lbs/in²
Piston Bore: 2.750 in.

Rotary: AGR-4
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.250 in.

Assembly Weight w/o Payload: 118 oz.

Refer to catalog for individual product specifications
AGM-33/AGM-34 Module
Heavy Duty 380 oz. Payload

**MODULE CALLOUTS**
AGM-33 = AGR-5-90° + AGP-83
AGM-34 = AGR-5-180° + AGP-83

**QUICK TECHNICALS**
Payload Capacity of Rotary Assembly: = (1) AGP-83 Gripper + 380 oz.

- **Gripper:** AGP-83
- **Stroke:** 0.880 in.
- **Closing/Opening:** 280/285 lbs/in²
- **Piston Bore:** 3.500 in.

- **Rotary:** AGR-5
- **Degree of Rotation:** 90°/180°
- **Piston Bore:** (2) x 1.625 in.

**Assembly Weight w/o Payload:** 232 oz.

Refer to catalog for individual product specifications.
AGM-35/AGM-36 Module
Medium Duty 190 oz. Payload

Module Callouts
AGM-35 = AGR-4-90° + AGW-500-1
AGM-36 = AGR-4-180° + AGW-500-1

Quick Technicals
Payload Capacity of Rotary Assembly: = (1) AGW-500-1 Gripper + 190 oz.

Gripper: AGW-500-1
Stroke: 1.500 in.
Closing/Opening: 84/86 lbs/in²
Piston Bore: (4) x 0.875 in.

Rotary: AGR-4
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.250 in.

Assembly Weight w/o Payload: 128 oz.

Refer to catalog for individual product specifications
AGM-37/AGM-38 Module
Medium Duty 175 oz. Payload

MODULE CALLOUTS
AGM-37 = AGR-4-90° + AGW-500-2
AGM-38 = AGR-4-180° + AGW-500-2

AGW-500-2 ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

1/8" NPT [G1/8] ACTUATION PORTS
[ROTARY]

AGW-500-2

1/8" NPT [G1/8] ACTUATION PORTS
[GRIPPER]

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGW-500-2 Gripper + 175 oz.

Gripper: AGW-500-2
Stroke: 2.500 in.
Closing/Opening: 84/86 lbs/in²
Piston Bore: (4) x 0.875 in.

Rotary: AGR-4
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.250 in.

Assembly Weight w/o Payload: 144 oz.

Refer to catalog for individual product specifications
AGM-39/AGM-40 Module
Heavy Duty 380 oz. Payload

MODULE CALLOUTS
AGM-39 = AGR-5-90° + AGW-500-4
AGM-40 = AGR-5-180° + AGW-500-4

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGW-500-4 Gripper + 380 oz.

Gripper: AGW-500-4
Stroke: 4.500 in.
Closing/Opening: 84/86 lbs/in²
Piston Bore: (4) x 0.875 in.

Rotary: AGR-5
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.625 in.

Assembly Weight w/o Payload: 232 oz.

Refer to catalog for individual product specifications
**MODULE CALLOUTS**

AGM-41 = AGR-5-90° + AGW-625-2  
AGM-42 = AGR-5-180° + AGW-625-2

**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:

\[ = (1) \text{AGW-625-2 Gripper} + 380 \text{ oz.} \]

Gripper: AGW-625-2  
Stroke: 2.000 in.  
Closing/Opening: 130/132 lbs/in²  
Piston Bore: 1.625 in.  

Rotary: AGR-5  
Degree of Rotation: 90°/180°  
Piston Bore: \(2 \times 1.625\) in.  

Assembly Weight w/o Payload: 240 oz.

Refer to catalog for individual product specifications
MODULE CALLOUTS
AGM-43 = AGR-5-90° + AGW-625-4
AGM-44 = AGR-5-180° + AGW-625-4

QUICK TECHNICALS
Payload Capacity of Rotary Assembly:  = (1) AGW-625-4 Gripper + 320 oz.

Gripper: AGW-625-4
Stroke: 4.000 in.
Closing/Opening: 130/132 lbs/in²
Piston Bore: 1.625 in.

Rotary: AGR-5
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.625 in.

Assembly Weight w/o Payload: 296 oz.

Refer to catalog for individual product specifications
**AGM-45/AGM-46 Module**

Heavy Duty 380 oz. Payload

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**MODULE CALLOUTS**

AGM-45 = AGR-5-90° + AGW-625-6
AGM-46 = AGR-5-180° + AGW-625-6

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**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:

= (1) AGW-625-6 Gripper + 304 oz.

- **Gripper:** AGW-625-6
- **Stroke:** 6.000 in.
- **Closing/Opening:** 130/132 lbs/in²
- **Piston Bore:** 1.625 in.

- **Rotary:** AGR-5
- **Degree of Rotation:** 90°/180°
- **Piston Bore:** (2) x 1.625 in.

**Assembly Weight w/o Payload:** 312 oz.

Refer to catalog for individual product specifications
AGM-61/AGM-62 Module
Light Duty 14 oz. Payload

MODULE CALLOUTS
AGM-61 = AGR-1-90° + AGLP-1
AGM-62 = AGR-1-180° + AGLP-1

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGLP-1 Gripper + 14 oz.

Gripper: AGLP-1
Stroke: 2.50 in.
Closing/Opening: 10/10 lbs/in²
Piston Bore: 0.625 in.

Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.500 in.

Assembly Weight w/o Payload: 9 oz.

Refer to catalog for individual product specifications
QUICK TECHNICALS

Payload Capacity of Rotary Assembly: \( = (1) \text{ AGLP}-2 \text{ Gripper} + 14 \text{ oz.} \)

Gripper: AGLP-2
Stroke: 0.500 in.
Closing/Opening: 10/10 lbs/in²
Piston Bore: 0.625 in.

 Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.500 in.

Assembly Weight w/o Payload: 9 oz.

Refer to catalog for individual product specifications
 MODULE CALLOUTS
AGM-65 = AGR-1-90° + AGLP-3
AGM-66 = AGR-1-180° + AGLP-3

AG-1-90°/180° #10-32 [M5] ACTUATION PORTS

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGLP-3 Gripper + 11 oz.

Gripper: AGLP-3
Stroke: 0.750 in.
Closing/Opening: 14/14 lbs/in²
Piston Bore: 0.700 in.

Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.500 in.

Assembly Weight w/o Payload: 12 oz.

Refer to catalog for individual product specifications
AGM-67/AGM-68 Module
Light Duty 11 oz. Payload

MODULE CALLOUTS
AGM-67 = AGR-1-90° + AGLP-4
AGM-68 = AGR-1-180° + AGLP-4

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGLP-4 Gripper + 11 oz.

Gripper: AGLP-4
Stroke: 0.750 in.
Closing/Opening: 14/14 lbs/in²
Piston Bore: 0.700 in.

Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.500 in.

Assembly Weight w/o Payload: 12 oz.

Refer to catalog for individual product specifications
**AGM-69/AGM-70 Module**

**Light Duty 46 oz. Payload**

**MODULE CALLOUTS**

AGM-69 = AGR-2-90° + AGLP-1
AGM-70 = AGR-2-180° + AGLP-1

**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:  = (1) AGLP-1 Gripper + 46 oz.

Gripper:  AGLP-1
Stroke:  0.250 in.
Closing/Opening:  10/10 lbs/in²
Piston Bore:  0.625 in.

Rotary:  AGR-2
Degree of Rotation:  90°/180°
Piston Bore:  (2) x 0.750 in.

Assembly Weight w/o Payload:  20 oz.

Refer to catalog for individual product specifications
AGM-71/AGM-72 Module
Light Duty 46 oz. Payload

**MODULE CALLOUTS**
AGM-71 = AGR-2-90° + AGLP-2
AGM-72 = AGR-2-180° + AGLP-2

**ORIENTATION SHOWN AT HOME POSITION**
UNIT ROTATES CLOCKWISE PER THIS VIEW

**QUICK TECHNICALS**
Payload Capacity of Rotary Assembly: = (1) AGLP-2 Gripper + 46 oz.

- **Gripper:** AGLP-2
- **Stroke:** 0.250 in.
- **Closing/Opening:** 10/10 lbs/in²
- **Piston Bore:** 0.625 in.

- **Rotary:** AGR-2
- **Degree of Rotation:** 90°/180°
- **Piston Bore:** (2) x 0.750 in.

**Assembly Weight w/o Payload:** 20 oz.

Refer to catalog for individual product specifications
AGM-73/AGM-74 Module
Light Duty 43 oz. Payload

MODULE CALLOUTS
AGM-73 = AGR-2-90° + AGLP-3
AGM-74 = AGR-2-180° + AGLP-3

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGLP-3 Gripper + 43 oz.

Gripper: AGLP-3
Stroke: 0.750 in.
Closing/Opening: 14/14 lbs/in²
Piston Bore: 0.700 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 23 oz.

Refer to catalog for individual product specifications
AGM-75/AGM-75 Module
Light Duty 43 oz. Payload

MODULE CALLOUTS
AGM-75 = AGR-2-90° + AGLP-4
AGM-76 = AGR-2-180° + AGLP-4

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS
Payload Capacity of
Rotary Assembly: = (1) AGLP-4 Gripper + 43 oz.

Gripper: AGLP-4
Stroke: 0.750 in.
Closing/Opening: 14/14 lbs/in²
Piston Bore: 0.700 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight
w/o Payload: 23 oz.

Refer to catalog for individual product specifications
AGM-77/AGM-78 Module
Light Duty 11 oz. Payload

MODULE CALLOUTS
AGM-77 = AGR-1-90° + AGPT-500
AGM-78 = AGR-1-180° + AGPT-500

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGPT-500 Gripper + 11 oz.

Gripper: AGPT-500
Stroke: 0.500 in.
Closing/Opening: 10/12 lbs/in²
Piston Bore: 0.625 in.

Rotary: AGR-1
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.500 in.

Assembly Weight w/o Payload: 12 oz.

Refer to catalog for individual product specifications
AGM-79/AGM-80 Module
Light Duty 43 oz. Payload

MODULE CALLOUTS
AGM-79 = AGR-2-90° + AGPT-500
AGM-80 = AGR-2-180° + AGPT-500

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGPT-500 Gripper + 43 oz.

Gripper: AGPT-500
Stroke: 0.500 in.
Closing/Opening: 10/12 lbs/in²
Piston Bore: 0.625 in.

Rotary: AGR-2
Degree of Rotation: 90°/180°
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 23 oz.

Refer to catalog for individual product specifications
**MODULE CALLOUTS**

AGM-81 = AGR-2-90° + AGPT-1000
AGM-82 = AGR-2-180° + AGPT-1000

**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:  
= (1) AGPT-1000 Gripper + 43 oz.

Gripper: AGPT-1000  
Stroke: 1.000 in.  
Closing/Opening: 15/17 lbs/in²  
Piston Bore: 0.750 in.

Rotary: AGR-2  
Degree of Rotation: 90°/180°  
Piston Bore: (2) x 0.750 in.

Assembly Weight w/o Payload: 26 oz.

Refer to catalog for individual product specifications
**MODULE CALLOUTS**

AGM-83 = AGR-3-90° + AGPT-1000
AGM-84 = AGR-3-180° + AGPT-1000

**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:  

= (1) AGPT-1000 Gripper + 120 oz.

Gripper: AGPT-1000
Stroke: 1.000 in.
Closing/Opening: 15/17 lbs/in²
Piston Bore: 0.750 in.

Rotary: AGR-3
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.000 in.

Assembly Weight w/o Payload: 56 oz.

Refer to catalog for individual product specifications
**AGM-85/AGM-86 Module**
Medium Duty 112 oz. Payload

**MODULE CALLOUTS**
AGM-85 = AGR-3-90° + AGPT-1125
AGM-86 = AGR-3-180° + AGPT-1125

**QUICK TECHNICALS**

Payload Capacity of Rotary Assembly:  = (1) AGPT-1125 Gripper + 112 oz.

- **Gripper:** AGPT-1125
- **Stroke:** 1.125 in.
- **Closing/Opening:** 30/27 lbs/in²
- **Piston Bore:** 1.000 in.

- **Rotary:** AGR-3
- **Degree of Rotation:** 90°/180°
- **Piston Bore:** (2) x 1.000 in.

Assembly Weight w/o Payload: 64 oz.

Refer to catalog for individual product specifications
AGM-87/AGM-88 Module
Heavy Duty 384 oz. Payload

MODULE CALLOUTS
AGM-87 = AGR-5-90° + AGA-60
AGM-88 = AGR-5-180° + AGA-60

ORIENTATION SHOWN AT HOME POSITION
UNIT ROTATES CLOCKWISE PER THIS VIEW

QUICK TECHNICALS
Payload Capacity of Rotary Assembly: = (1) AGA-60 Gripper + 384 oz.

Gripper: AGA-60
Stroke: 0-180° ADJ.
Closing/Opening: 820/691 lbs/in²
Piston Bore: 3.000 in.

Rotary: AGR-5
Degree of Rotation: 90°/180°
Piston Bore: (2) x 1.625 in.

Assembly Weight w/o Payload: 232 oz.

Refer to catalog for individual product specifications