

22 TONS AZIMUTH SERVO-PRESS

22-S

|       |      |
|-------|------|
| SCALE | 1:12 |
|-------|------|

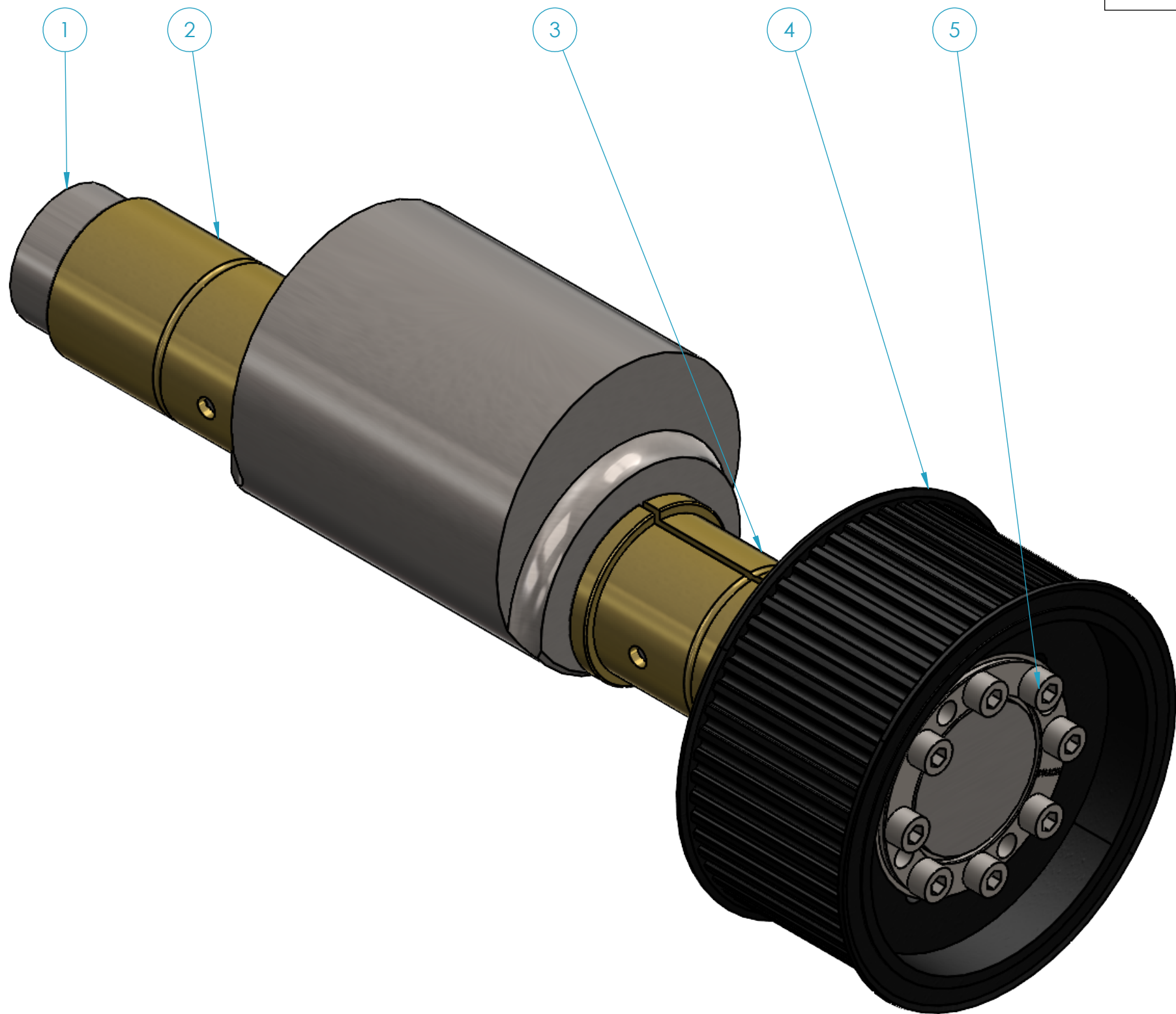
|  |     |
|--|-----|
|  | REV |
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| ITEM | PART NUMBER | DESCRIPTION                  | QTY |
|------|-------------|------------------------------|-----|
| 1    | 22-633      | CRANKSHAFT, 2.5" STROKE      | 1   |
| 2    | 22-034      | BRONZE BUSHING, MAIN BEARING | 1   |
| 3    | 22-034      | BRONZE BUSHING, SPLIT        | 1   |
| 4    | 22-623      | CRANKSHAFT PULLEY            | 1   |
| 5    | 22-601      | LOCKING DONUT                | 1   |



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Ste-Catherine, QC, CAN

DESCRIPTION  
CRANKSHAFT ASSEMBLY, SERVO

MODEL NO  
22-233AS

DRAWN BY  
S. LAGASSÉ

SCALE  
1:2

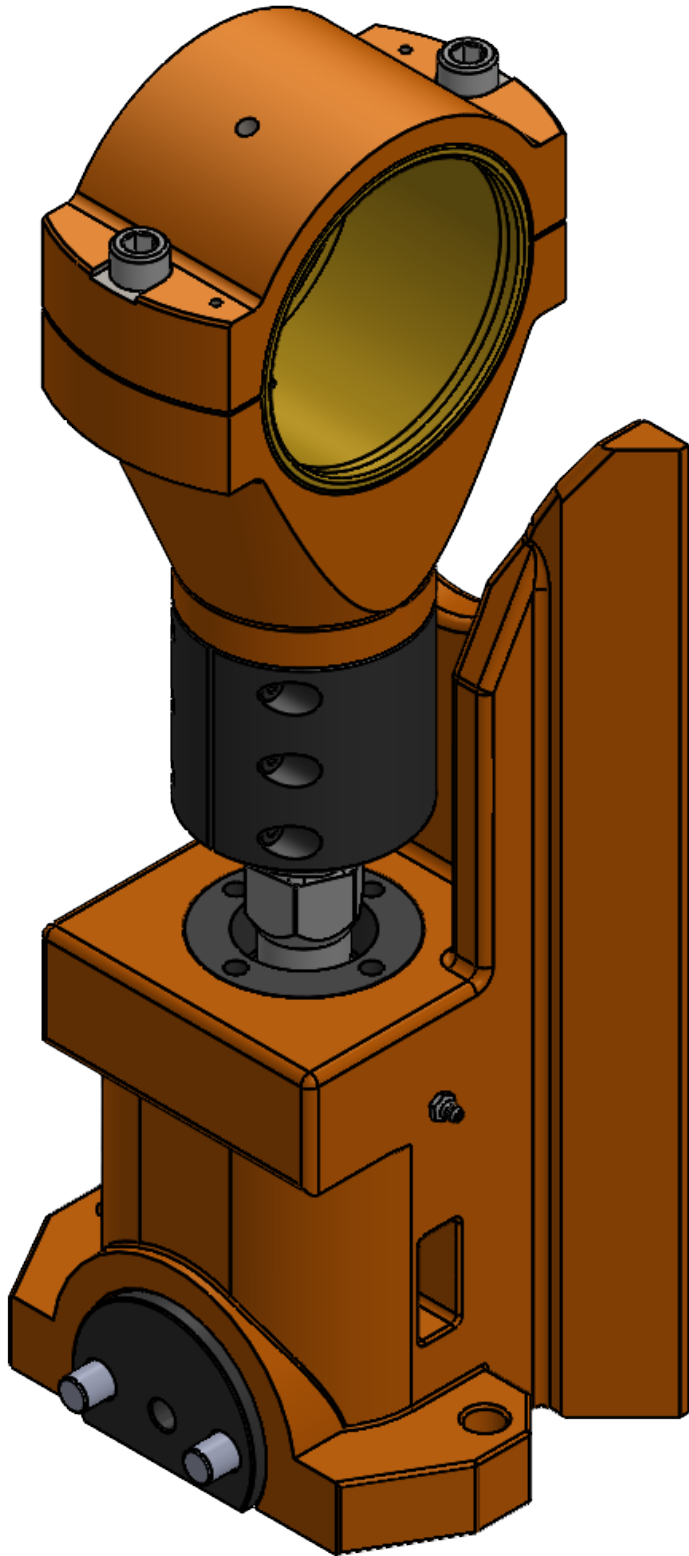
DRAWING #  
22-633AS

REV

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| ITEM NO. | PART NO.  | DESCRIPTION           | QTY. |
|----------|-----------|-----------------------|------|
| 1        | 22-090    | STUD, RAM CLAMP       | 2    |
| 2        | 22-024    | CLAMP BLOCK, RAM      | 1    |
| 3        | 22-023    | RAM                   | 1    |
| 4        | 22-160    | LEATHER STOPPER       | 1    |
| 5        | 22-025    | BALL SEAT, RAM        | 1    |
| 6        | 22-027    | BALL SCREW, PITMAN    | 1    |
| 7        | 22-026    | CUP, BALL ADJUSTMENT  | 1    |
| 8        | 22-029-R3 | 22T PITMAN ASSEMBLY   | 1    |
| 9        | 22-136    | PITMAN BRONZE BUSHING | 1    |
| 10       | 22-157    | KEY, PITMAN BUSHING   | 1    |
| 11       | 7777-01   | GREASING PORT, 1/8NPT | 1    |



| REVISIONS |      |             |      |          |
|-----------|------|-------------|------|----------|
| ZONE      | REV. | DESCRIPTION | DATE | APPROVED |



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DESCRIPTION  
RAM ASSEMBLY

PART NO  
22-023AS

DRAWN BY  
SCALE 1:8

DRAWING #  
MATERIAL

COMMENTS :

UNLESS OTHERWISE SPECIFIED

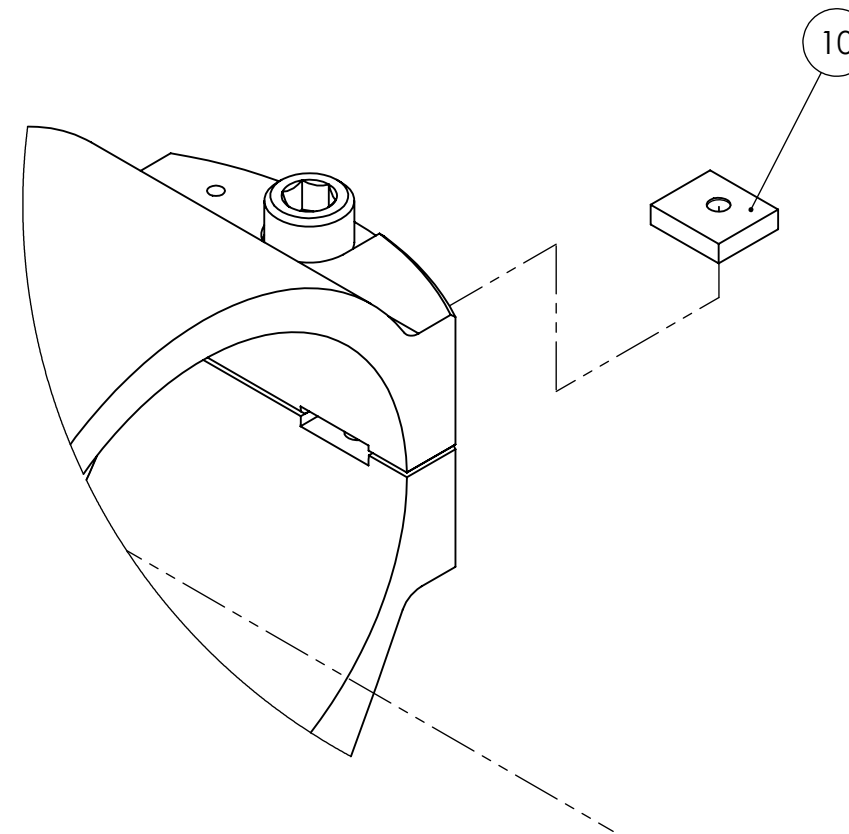
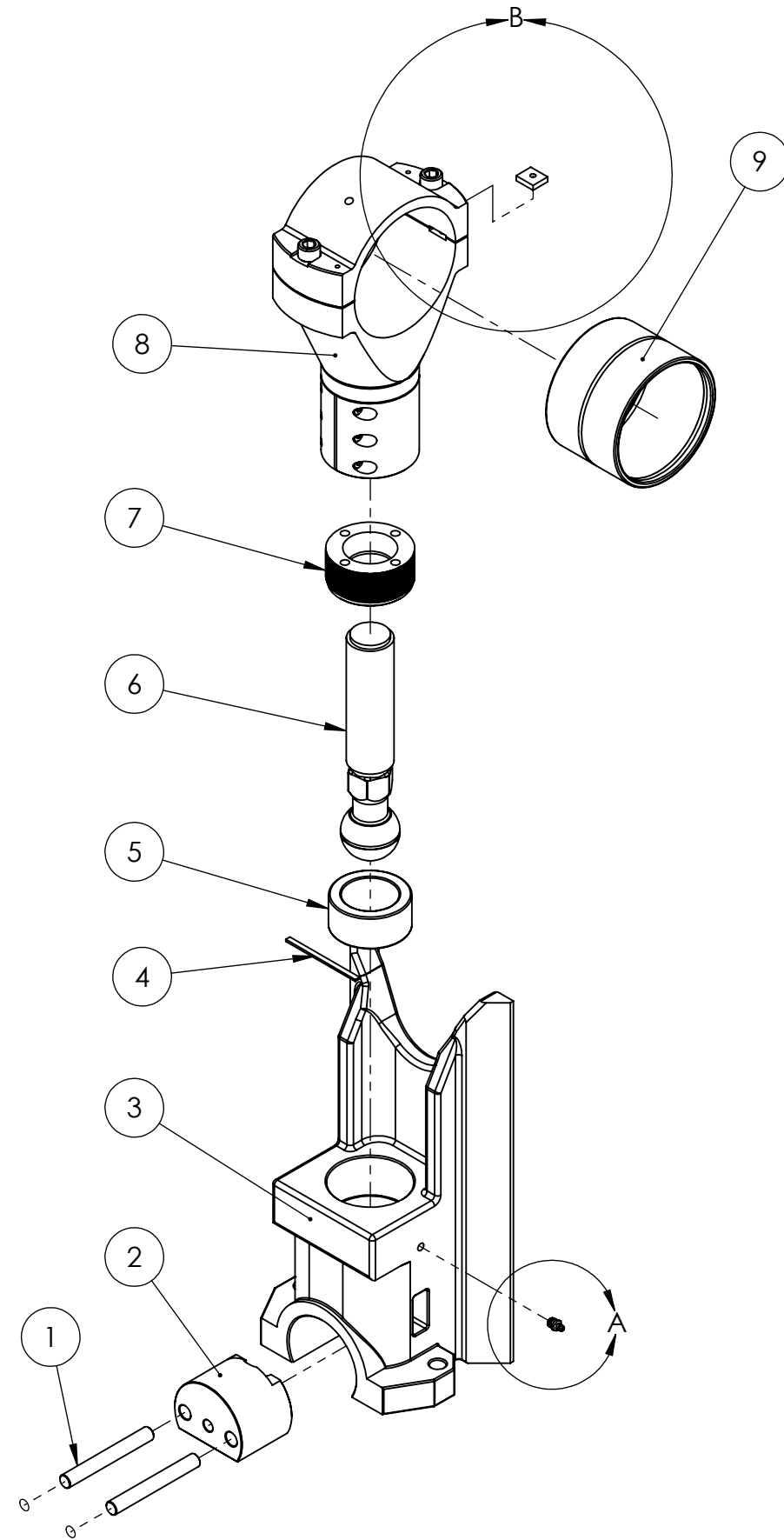
DIMENSIONS ARE IN INCHES  
TOLERANCES :

FRACTIONAL ± 1/64

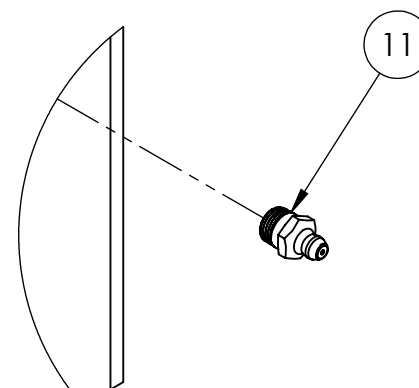
TWO PLACE DECIMAL ± .01

THREE PLACE DECIMAL ± .005

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DÉTAIL B  
ECHELLE 1 : 2



DÉTAIL A  
ECHELLE 1 : 2



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DESCRIPTION  
RAM ASSEMBLY

PART NO  
22-023AS

|           |               |
|-----------|---------------|
| DRAWN BY  | SCALE<br>1:16 |
| DRAWING # | MATERIAL      |

COMMENTS :

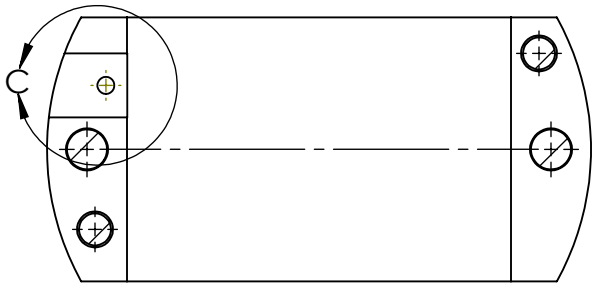
UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES :  
FRACTIONAL  $\pm 1/64$   
TWO PLACE DECIMAL  $\pm .01$   
THREE PLACE DECIMAL  $\pm .005$

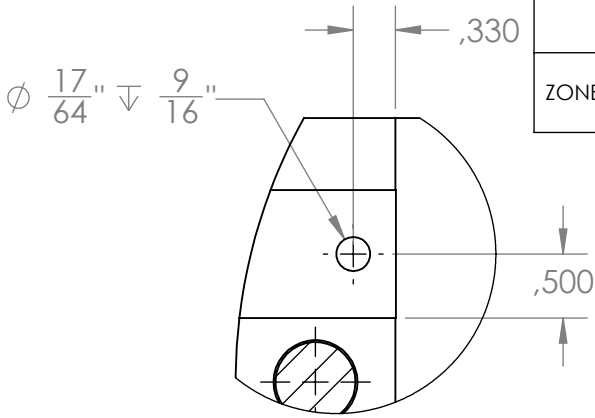
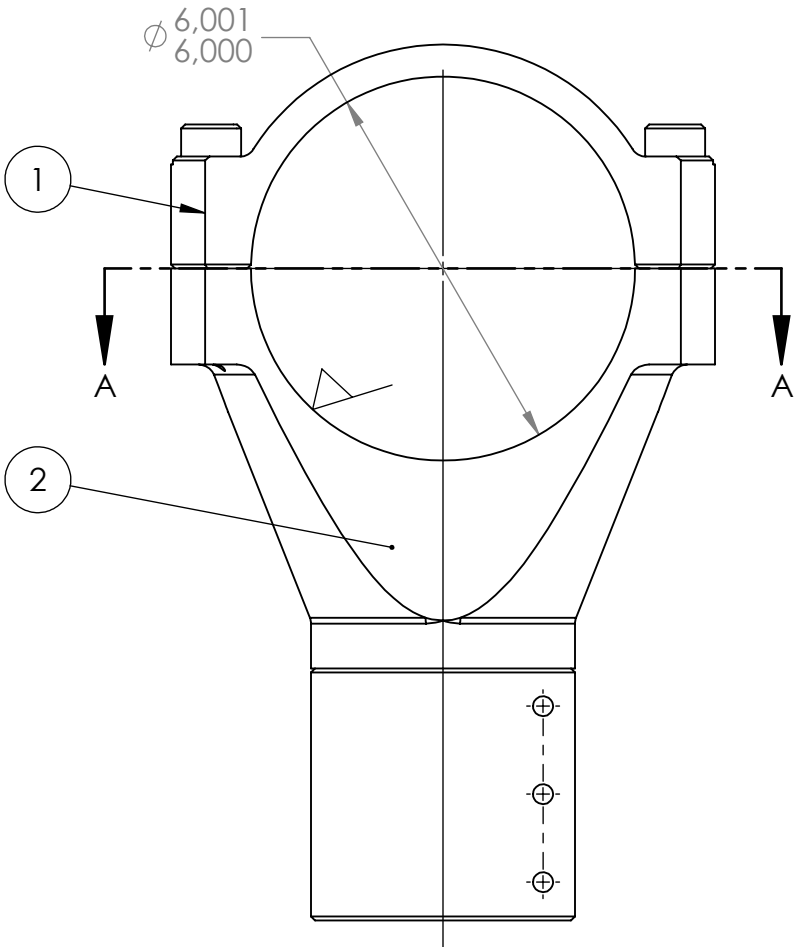
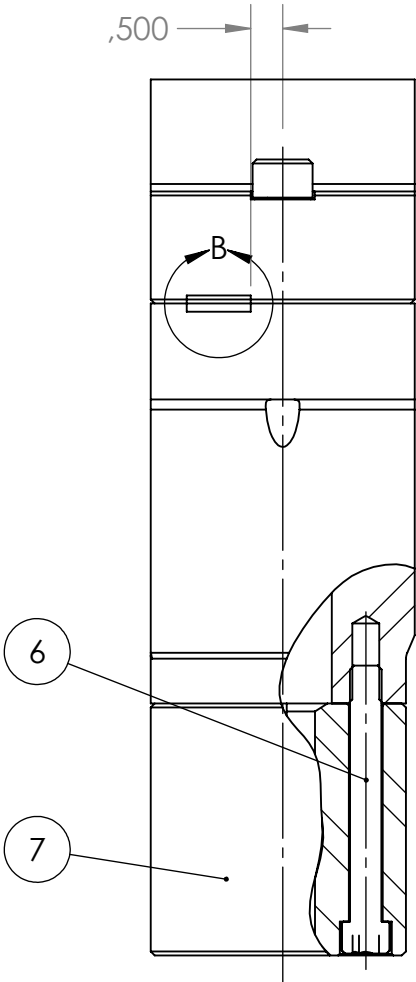
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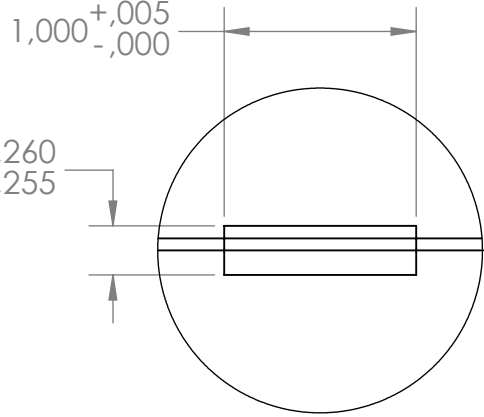
| ITEM NO. | PART NO.      | DESCRIPTION                                | QTY. |
|----------|---------------|--------------------------------------------|------|
| 1        | 22-029.3-R3   | PITMAN TOP                                 | 1    |
| 2        | 22-029.2-R3   | PITMAN BOTTOM                              | 1    |
| 3        | MCM-91251A804 | HEX SOCKET HEAD 5/8-11 X 2 1/2             | 2    |
| 4        | MCM-98381A720 | DOWEL PIN DIA. 1/2 X 2                     | 2    |
| 5        | MCM-92220A254 | LOW PROFILE HEX SOCKET HEAD 3/8-16 X 1 1/4 | 3    |
| 6        | MCM-91251A728 | HEX SOCKET HEAD 1/2-13 X 4                 | 3    |
| 7        | 22-0.29.1-R3  | PITMAN THREAD                              | 1    |



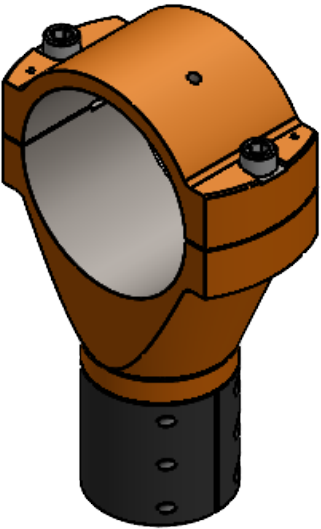
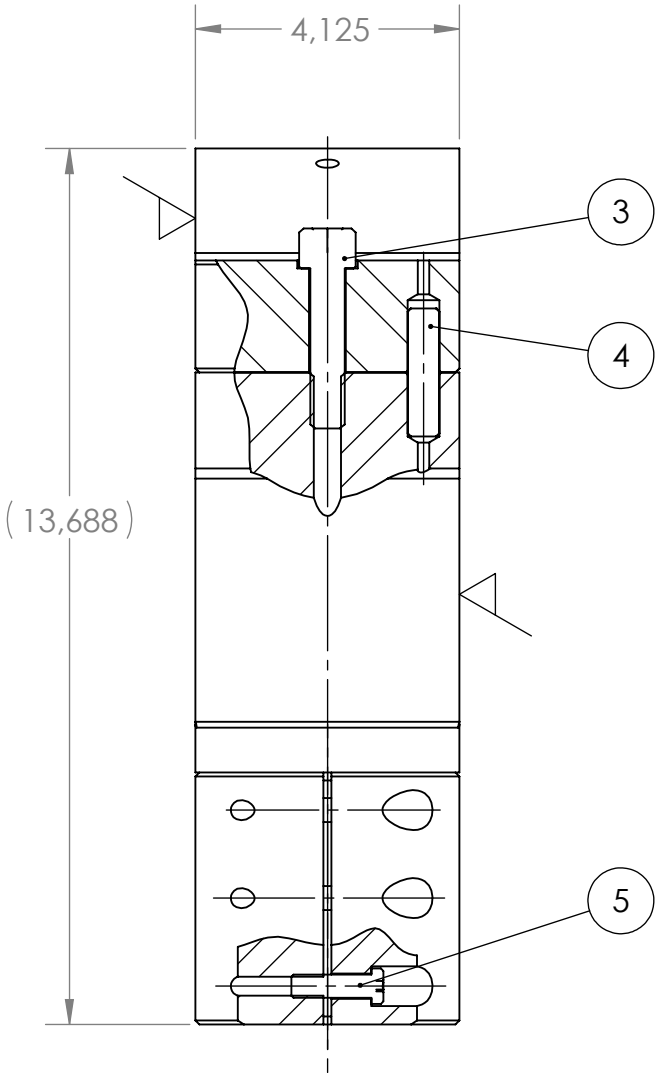
CUT A-A  
SCALE 1 : 3



DETAIL C  
SCALE 2 : 3



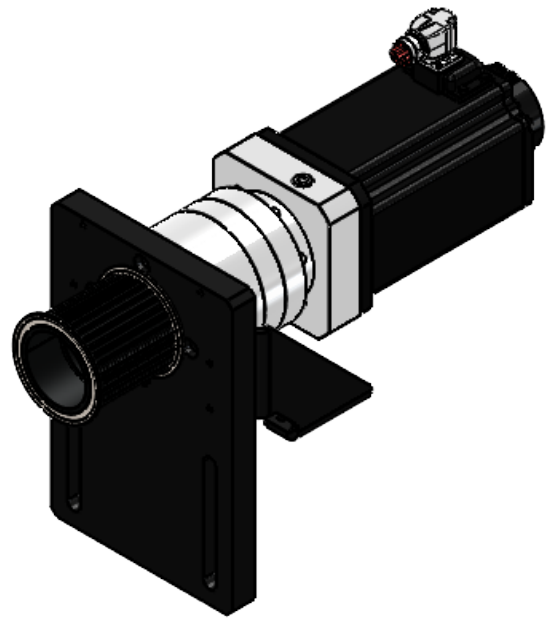
DETAIL B  
SCALE 1 : 1



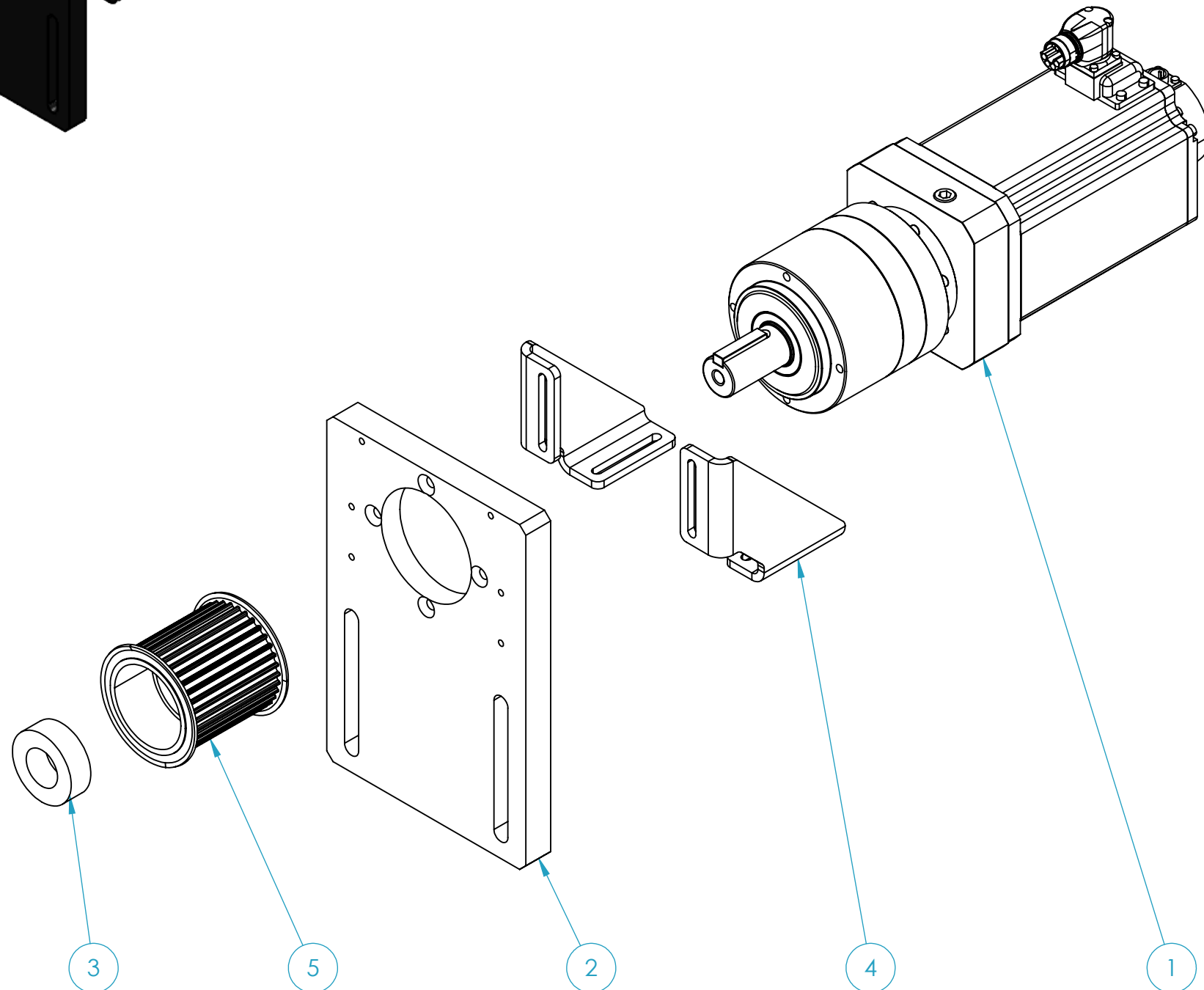
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|                                                                                                                                                                                                                                            |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESCRIPTION<br>22T PITMAN ASSEMBLY                                                                                                                                                                                                         |              |
| PART NO<br>22-029                                                                                                                                                                                                                          |              |
| DRAWN BY<br>CHARLES LEFEBVRE                                                                                                                                                                                                               | SCALE<br>3:8 |
| DRAWING #                                                                                                                                                                                                                                  | MATERIAL     |
| COMMENTS :                                                                                                                                                                                                                                 |              |
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TOLERANCES :  
FRACTIONAL ± 1/64  
TWO PLACE DECIMAL ± .01  
THREE PLACE DECIMAL ± .005  
FOUR PLACE DECIMAL ± .001



| No. ARTICLE | NUMERO DE PIECE | DESCRIPTION              | QTE |
|-------------|-----------------|--------------------------|-----|
| 1           | 22-626AS        | SERVOPACK                | 1   |
| 2           | 22-669          | MOTOR BRACKET            | 1   |
| 3           | 22-601.1        | SERVOMOTOR LOCKING DONUT | 1   |
| 4           | 22-669.1        | MOTOR BRACKET ANGLE      | 2   |
| 5           | 22-623.1        | SERVOMOTOR PULLEY        | 1   |



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| DESCRIPTION |
|-------------|
|-------------|

SERVOMOTOR MOUNTING ASSEMBLY

|          |
|----------|
| MODEL NO |
|----------|

22-S

DRAWN BY  
S. LAGASSÉ

|       |     |
|-------|-----|
| SCALE | 1:4 |
|-------|-----|

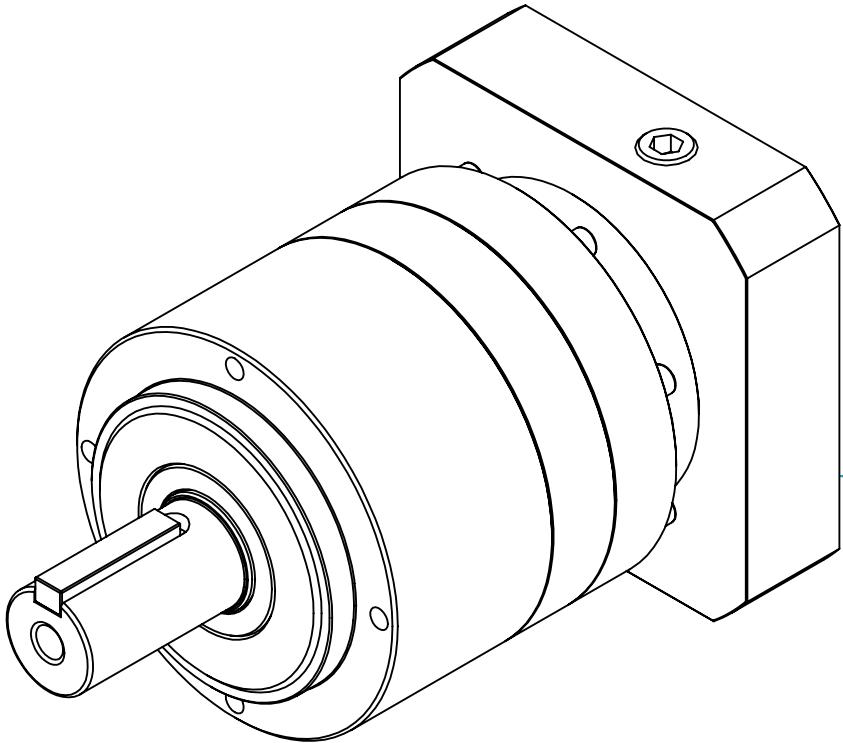
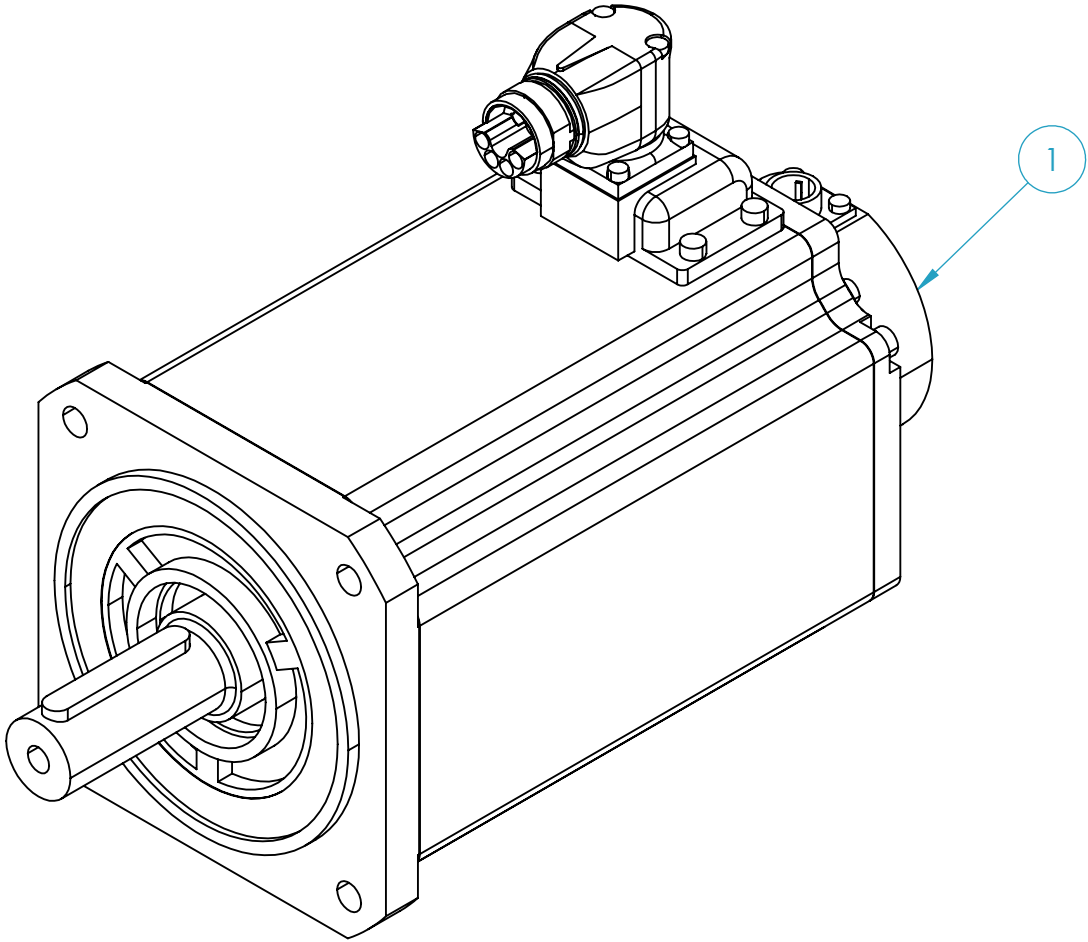
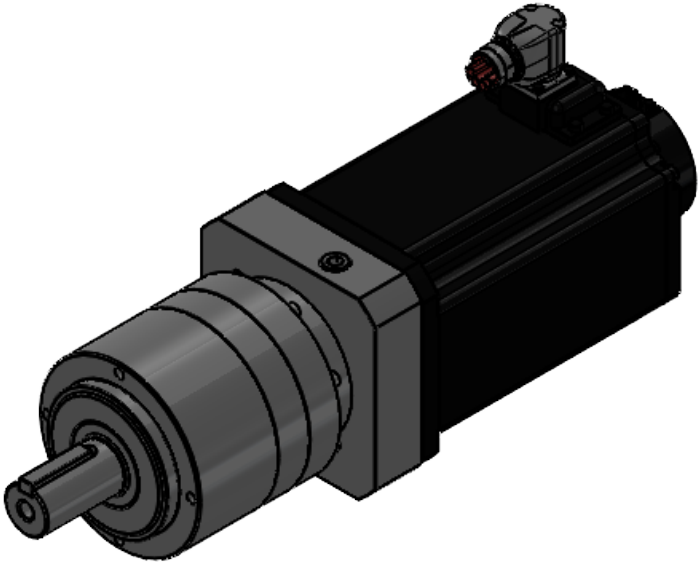
|           |          |
|-----------|----------|
| DRAWING # | 22-669AS |
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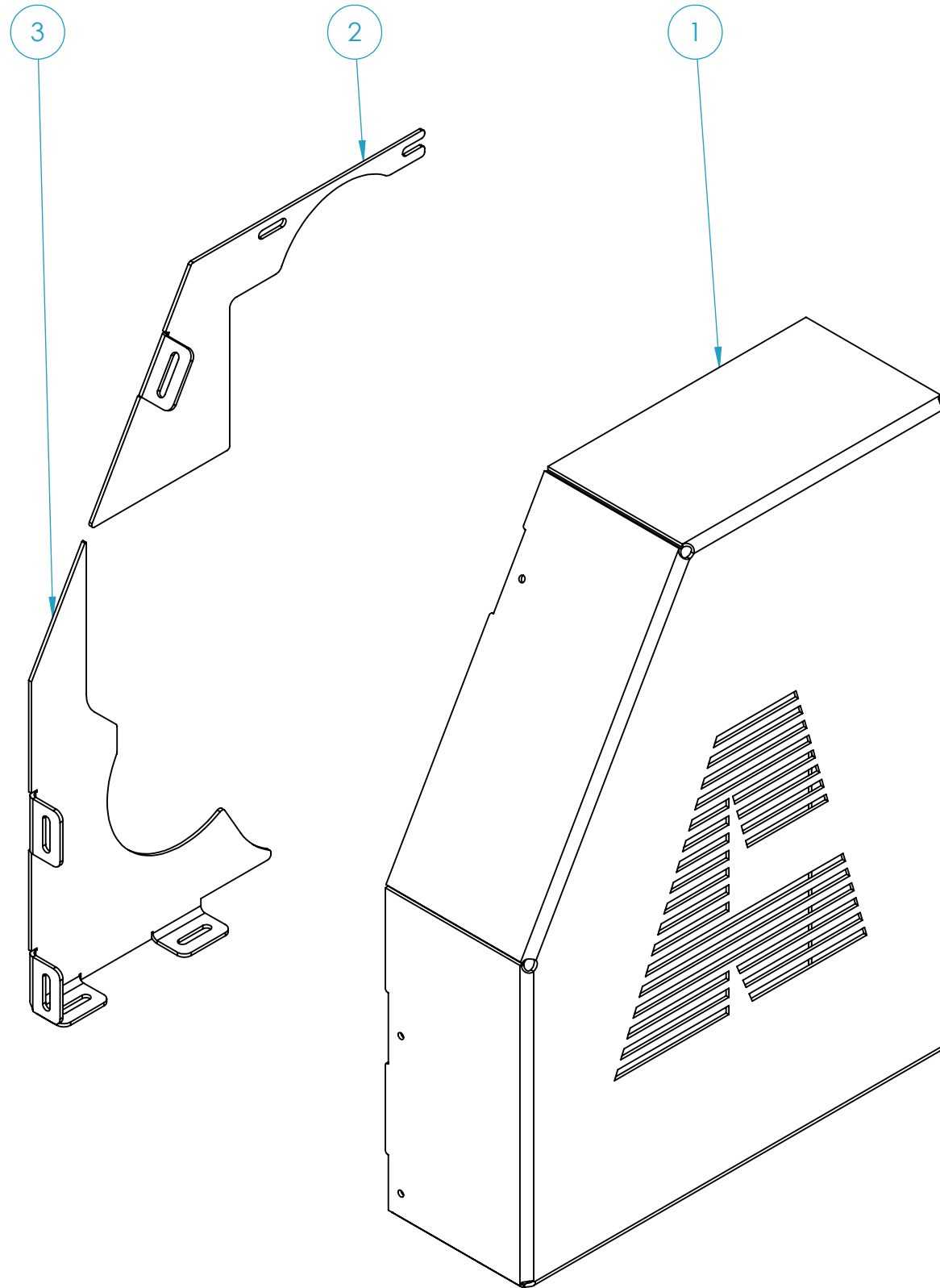
| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|-------------|-----|
| 1    | 22-626      | SERVOMOTOR  | 1   |
| 2    | 22-630.2    | GEAR HEAD   | 1   |



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|                                                                                                                                                                                                |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| DESCRIPTION                                                                                                                                                                                    |       |
| SERVOPACK                                                                                                                                                                                      |       |
| MODEL NO                                                                                                                                                                                       |       |
| 22-S                                                                                                                                                                                           |       |
| DRAWN BY                                                                                                                                                                                       | SCALE |
| S. LAGASSÉ                                                                                                                                                                                     | 1:2   |
| DRAWING #                                                                                                                                                                                      | REV   |
| 22-626AS                                                                                                                                                                                       |       |
| COMMENTS :                                                                                                                                                                                     |       |
|                                                                                                                                                                                                |       |
|                                                                                                                                                                                                |       |
|                                                                                                                                                                                                |       |
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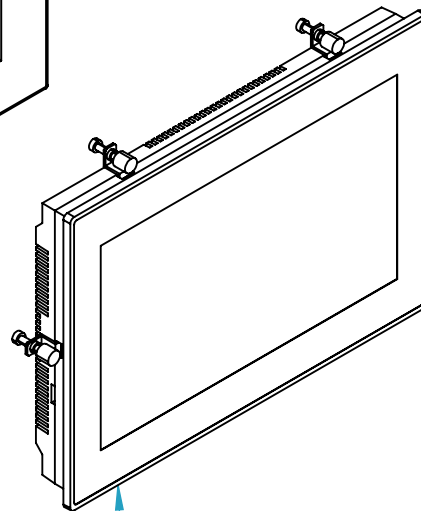
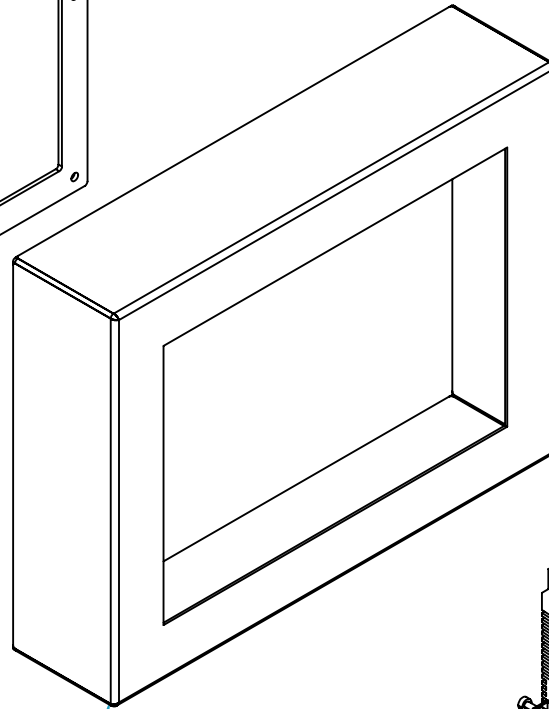
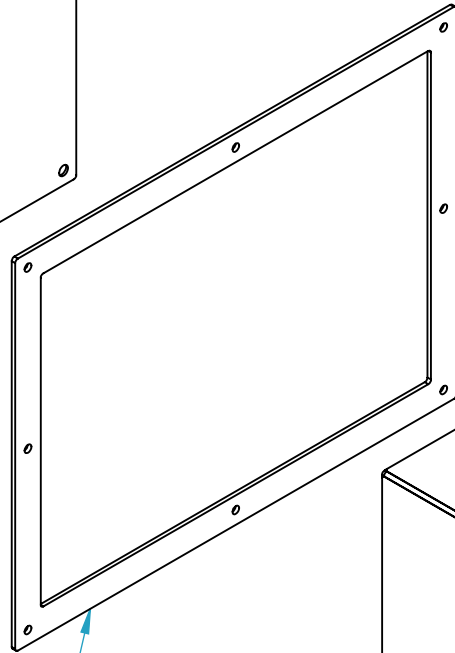
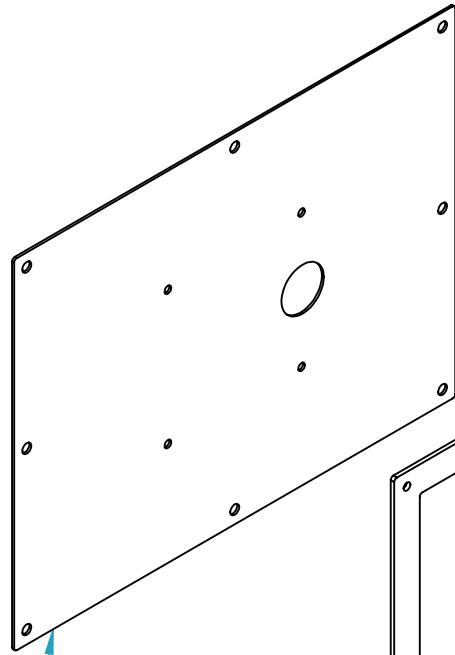
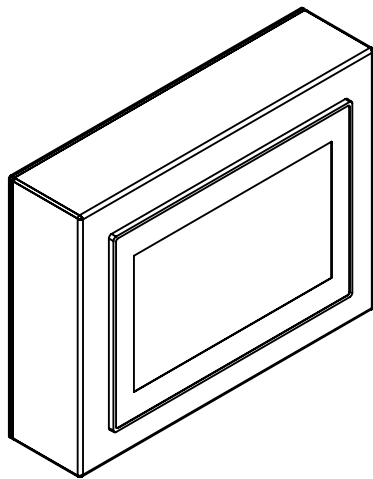




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3

2

1

4

| ITEM | PART NUMBER | DESCRIPTION              | QTY |
|------|-------------|--------------------------|-----|
| 1    | 22-511      | 10" HMI ENCLOSURE BODY   | 1   |
| 2    | 22-511.1    | 10" HMI ENCLOSURE WINDOW | 1   |
| 3    | 22-511.2    | 10" HMI ENCLOSURE DOOR   | 1   |
| 4    | 6-526       | 10" HMI                  | 1   |



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|                                                                                                                                                                                                            |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DESCRIPTION                                                                                                                                                                                                |              |
| 10" HMI ENCLOSURE                                                                                                                                                                                          |              |
| MODEL NO                                                                                                                                                                                                   |              |
| DRAWN BY<br>S. LAGASSÉ                                                                                                                                                                                     | SCALE<br>1:4 |
| DRAWING #<br>22-511AS                                                                                                                                                                                      | REV          |
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