



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
SURFACE FINISH:  
TOLERANCES:  
LINEAR:  
ANGULAR:

FINISH:

DEBURR AND  
BREAK SHARP  
EDGES

DO NOT SCALE DRAWING

REVISION 1

|        | NAME | SIGNATURE | DATE       |  |  |
|--------|------|-----------|------------|--|--|
| DRAWN  | JB   |           | 12/12/2019 |  |  |
| CHK'D  |      |           |            |  |  |
| APPV'D |      |           |            |  |  |
| MFG    |      |           |            |  |  |
| Q.A    |      |           |            |  |  |
|        |      |           |            |  |  |
|        |      |           |            |  |  |
|        |      |           |            |  |  |
|        |      |           |            |  |  |

MATERIAL:

WEIGHT:

TITLE:

SimpleSliderHand

DWG NO.

Main Assembly

A4

SCALE:1:5

SHEET 1 OF 2

|   |          |                            |           |                                    |                      |                      |      |              |   |
|---|----------|----------------------------|-----------|------------------------------------|----------------------|----------------------|------|--------------|---|
|   | 4        |                            | 3         |                                    | 2                    |                      | 1    |              |   |
|   | ITEM NO. | PART NUMBER                |           |                                    | DESCRIPTION          |                      | QTY. |              |   |
| F   | 2        | SlidingAssembly            |           |                                    |                      |                      | 1    | F            |   |
|   |          | Rail                       |           |                                    | MGN12mm Rail         |                      | 1    |              |   |
|   |          | Cart                       |           |                                    | MGN12mm Cart         |                      | 2    |              |   |
|   |          | FingerBracket              |           |                                    |                      |                      | 2    |              |   |
|   |          | FingerVertical             |           |                                    |                      |                      | 2    |              |   |
| E   |          | ISO 4762 M3 x 25 - 18C     |           |                                    |                      |                      | 4    | E            |   |
|   |          | ISO 4762 M3 x 6 - 6C       |           |                                    |                      |                      | 6    |              |   |
|   |          | ISO 4762 M3 x 10 - 10C     |           |                                    |                      |                      | 8    |              |   |
|   |          | ISO - 4032 - M3 - W - N    |           |                                    |                      |                      | 8    |              |   |
|   |          | ISO 4762 M3 x 12 - 12C     |           |                                    |                      |                      | 2    |              |   |
| D   |          | EndFixing_Type1L           |           |                                    | Printed Part         |                      | 1    | D            |   |
|   |          | EndFixing_Type1R           |           |                                    | Printed Part         |                      | 1    |              |   |
|   | 3        | ServoAssembly              |           |                                    |                      |                      | 1    |              |   |
|   |          | 28T                        |           |                                    | Dynamixel MX28T      |                      | 1    |              |   |
|   |          | ServoHorn                  |           |                                    | Comes With Dynamixel |                      | 1    |              |   |
| C   |          | ServoCam                   |           |                                    | Printed Part         |                      | 1    | C            |   |
|   |          | ISO 10669-2.5-N            |           |                                    | Comes With Dynamixel |                      | 1    |              |   |
|   |          | ISO 1580 - M2.5 x 16 - 16N |           |                                    |                      |                      | 1    |              |   |
|   |          | ISO 1580 - M2 x 3 - 3N     |           |                                    |                      |                      | 2    |              |   |
|   |          | ISO - 4032 - M3 - W - N    |           |                                    |                      |                      | 8    |              |   |
| B   | 4        | Base                       |           |                                    | Printed Part         |                      | 1    | B            |   |
|   | 5        | ISO 4762 M3 x 25 - 18C     |           |                                    |                      |                      | 1    |              |   |
|   | 6        | ISO 4762 M2.5 x 4 - 4N     |           |                                    |                      |                      | 8    |              |   |
|   | 7        | ISO 4762 M6 x 12 - 12N     |           |                                    |                      |                      | 3    |              |   |
|   | 8        | ISO 4762 M6 x 10 - 10N     |           |                                    | Custom Fixing        |                      | 1    |              |   |
| A   | 9        | ISO 4762 M3 x 5 - 5N       |           |                                    |                      |                      | 2    | A            |   |
|   | 10       | D435 Realsense             |           |                                    |                      |                      | 1    |              |   |
|   | 11       | ISO 4762 M2.5 x 10 - 10N   |           |                                    |                      |                      | 8    |              |   |
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| A   | DRAWN    | NAME                       | SIGNATURE | DATE                               |                      | TITLE:               |      |              | A |
|   | CHK'D    |                            |           |                                    |                      |                      |      |              |   |
|   | APPV'D   |                            |           |                                    |                      |                      |      |              |   |
|   | MFG      |                            |           |                                    |                      |                      |      |              |   |
|   | Q.A      |                            |           |                                    |                      |                      |      |              |   |
|   |          |                            |           | MATERIAL:                          |                      | DWG NO.              |      | A4           |   |
|   |          |                            |           | WEIGHT:                            |                      | SCALE:1:5            |      | SHEET 2 OF 2 |   |
|   | 4        |                            | 3         |                                    | 2                    |                      | 1    |              |   |