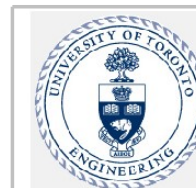
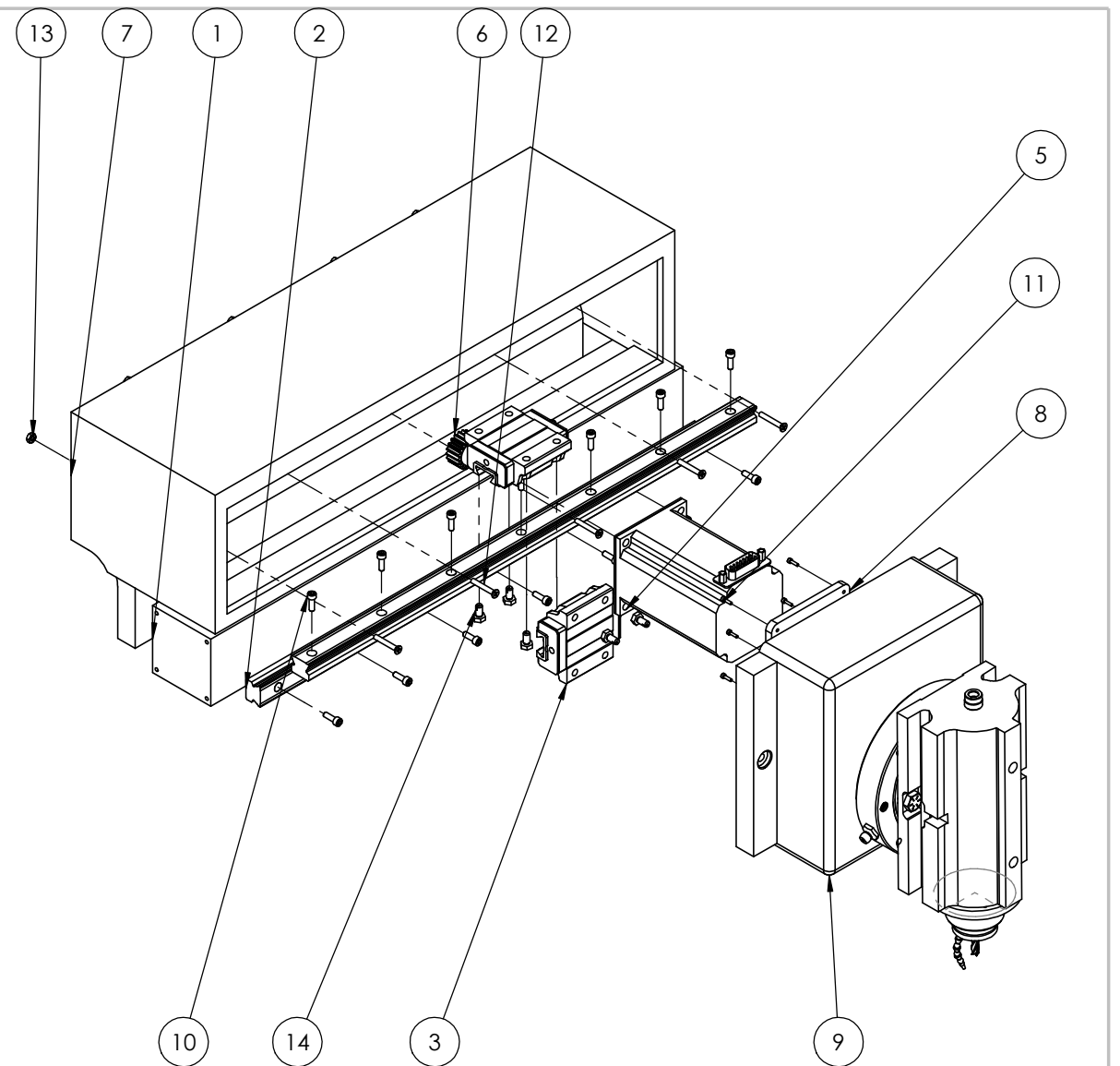
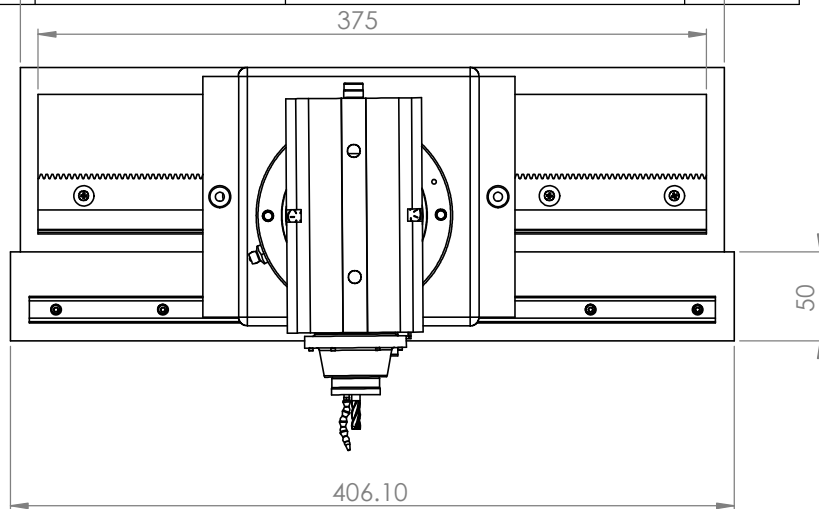


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|---|--|------|
| 1 | Solid Horizontal Support Block | | 1 |
| 2 | 6250K511 | 15 mm Wide x 460 mm Long Guide Rail for Horizontal-Mount Ball Bearing Carriage | 2 |
| 3 | 6250K19_Horizontal-Mount Ball Bearing Carriage | Horizontal-Mount Ball Bearing Carriage | 2 |
| 4 | 2485N232 | Metal Gear Rack - 20 Degree Pressure Angle | 1 |
| 5 | 6627T102 | Position-Control DC Motor | 1 |
| 6 | 2664N353 | Metal Gear - 20 Degree Pressure Angle | 1 |
| 7 | Motor and Spindle Assembly Connection Block | | 1 |
| 8 | Motor-Spindle Attachment BlockSLDPRT | | 1 |
| 9 | 4th axis_assembly | Spindle Assembly with casing and coolant pipe through spindle | 1 |
| 10 | HX-SHCS 0.125-44x0.375x0.375-N | | 14 |
| 11 | B18.3.1M - 1.6 x 0.35 x 6 Hex SHCS -- 6NHX | | 6 |
| 12 | B18.6.7M - M3 x 0.5 x 20 Type I Cross Recessed FHMS --20N | | 5 |
| 13 | B18.2.4.1M - Hex nut, Style 1, M3 x 0.5 --D-N | | 5 |
| 14 | HEXTS 4x8X7.3-Indented head-D-N | | 6 |



AUTHOR:
DHRUV SHARMA

STUDENT NO.
1006926631

DATE: 12/06/2021

MATERIAL:
Stainless Steel 304

CLASS: MIE 243 LAB SECTION: LAB 101 PREPARED FOR: CNC Milling Machine

TITLE:
Y-Axis + Spindle Assembly

PART NO. XXX

REV. 1

UNLESS OTHERWISE SPECIFIED, UNITS: MM, DEGREE

SCALE:1:3

SHEET 1 OF 1