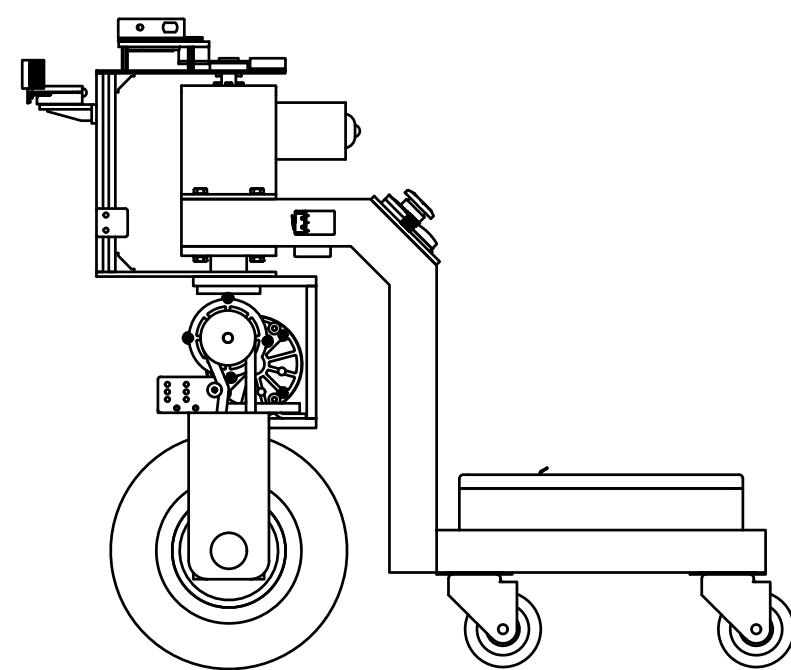
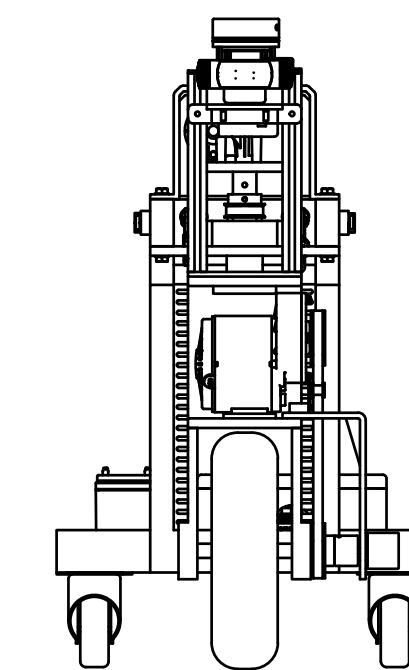


1 2 3 4 5 6 7 8

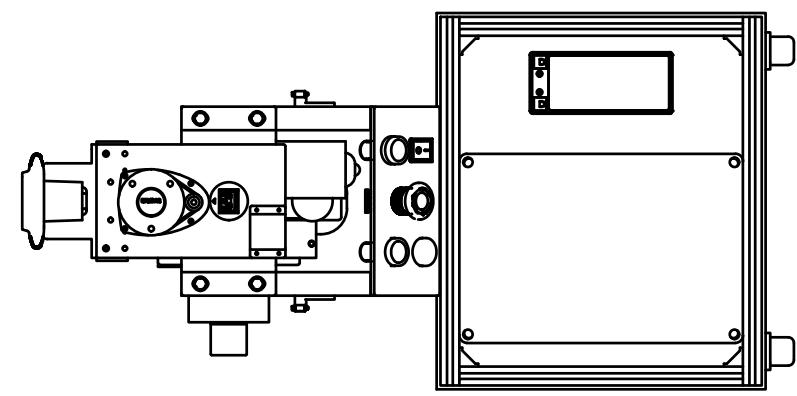
A



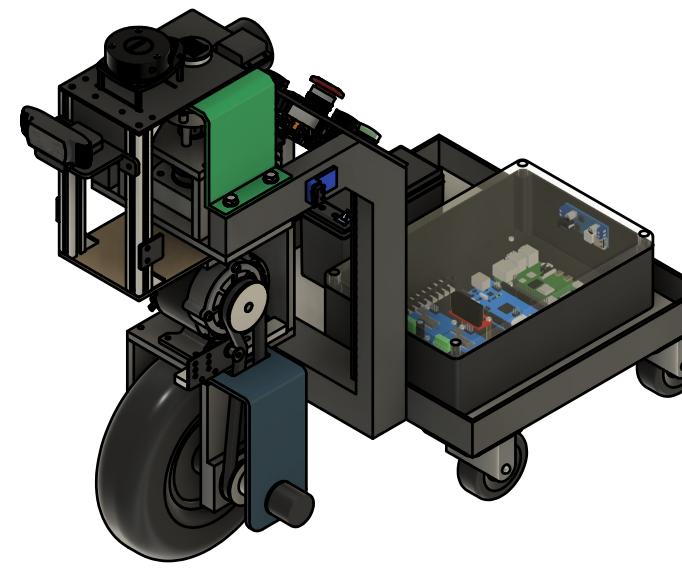
B



C



D



E



Designed by
MCE09
KMUTT

Date
24/05/2024

Part name
AGV03

Scale
1:8

1 2 3 4 5 6 7 8

A

B

C

D

E

F

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

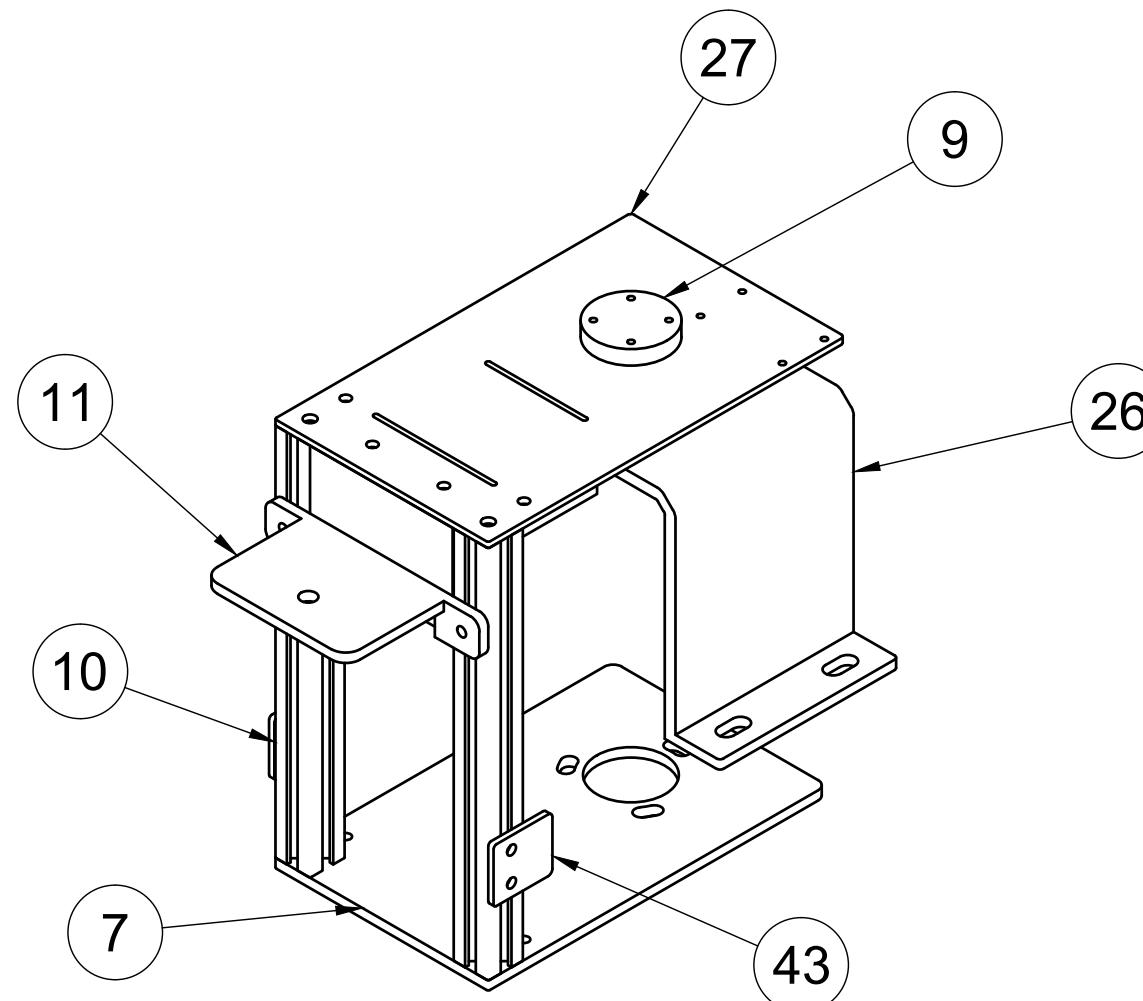
D

E

E

F

F



Parts List		
Item	Qty	Part Number
7	1	Base LiDAR Bottom
8	1	Linear Ball Bearing 6 mm LMF6UU
9	1	Shaft wear bearing LiDAR
10	2	Aluminium profile 2020 210mm
11	1	Base Camera
26	1	Mounting Bracket
27	1	Base LiDAR top
43	2	Key



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Date
24/05/2024

Part name
LiDAR mounting stand AGV03

Scale
1:3

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

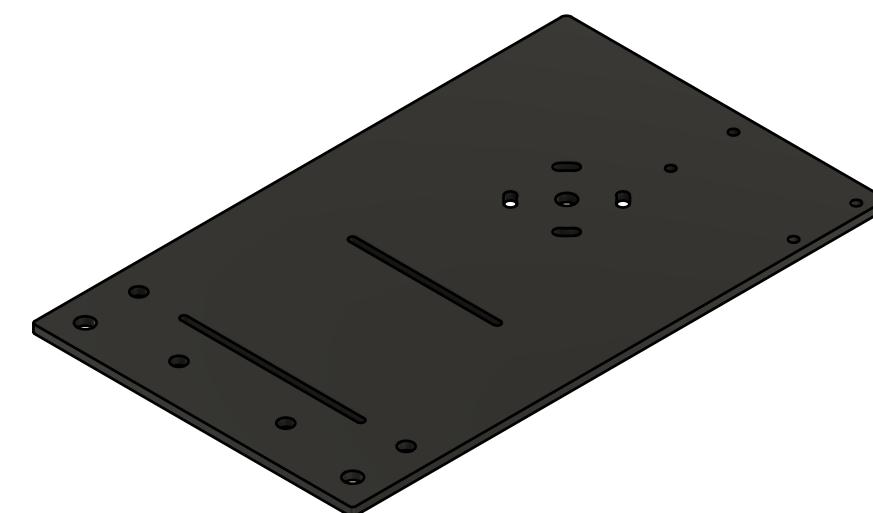
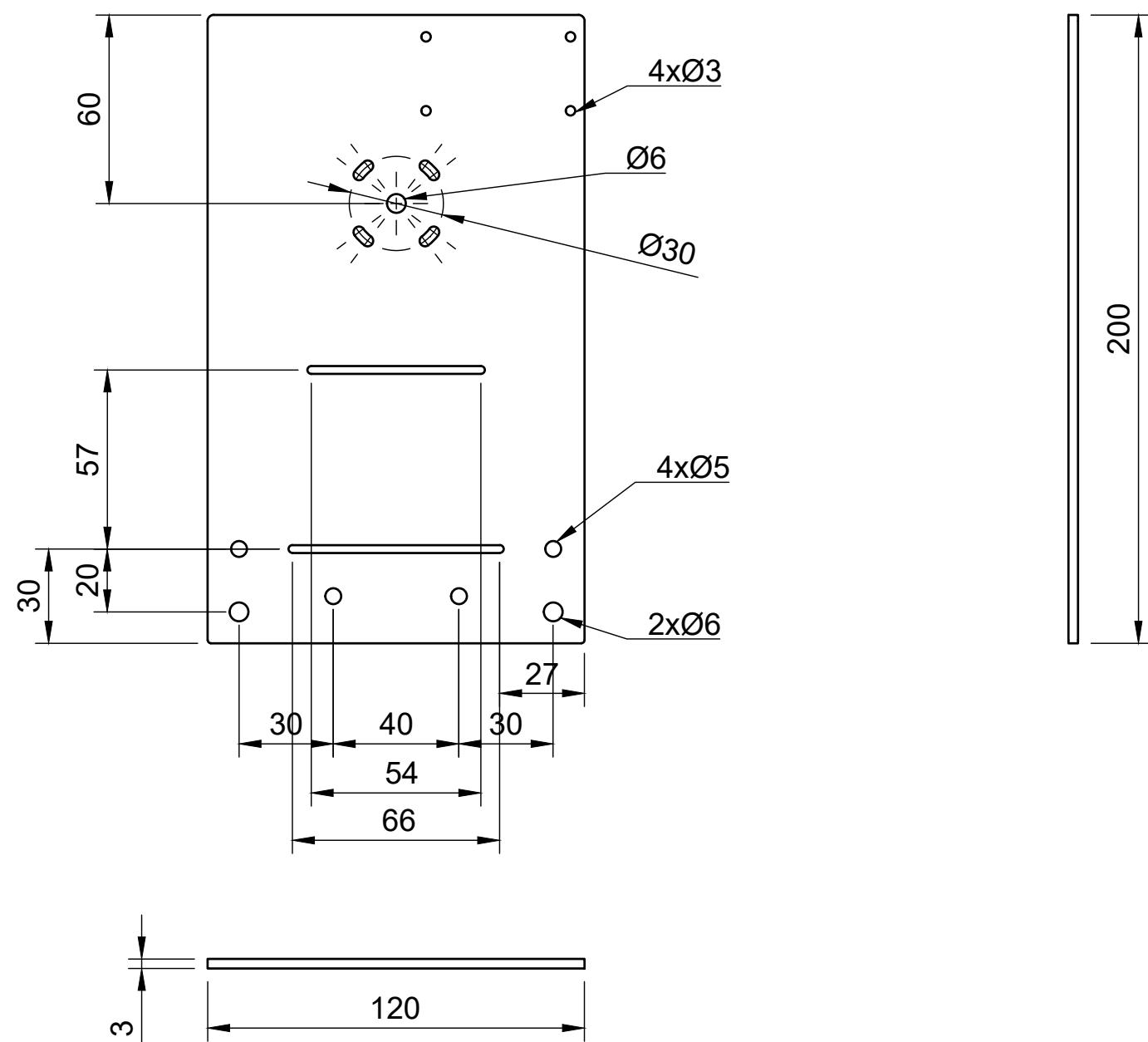
D

E

E

F

F



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Date
24/05/2024

Part name
Base LiDAR top AGV03

Scale
1:2

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

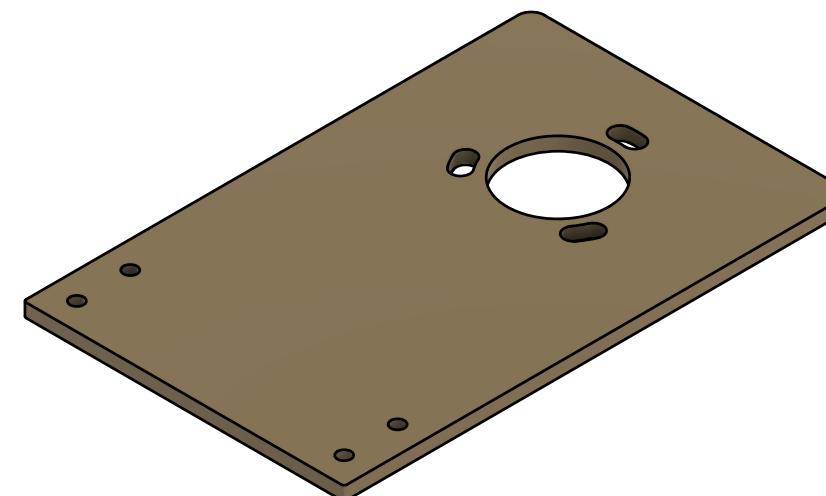
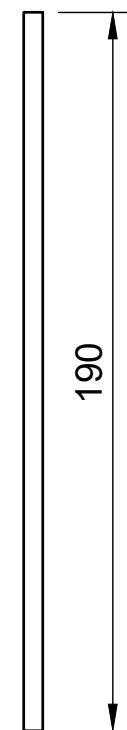
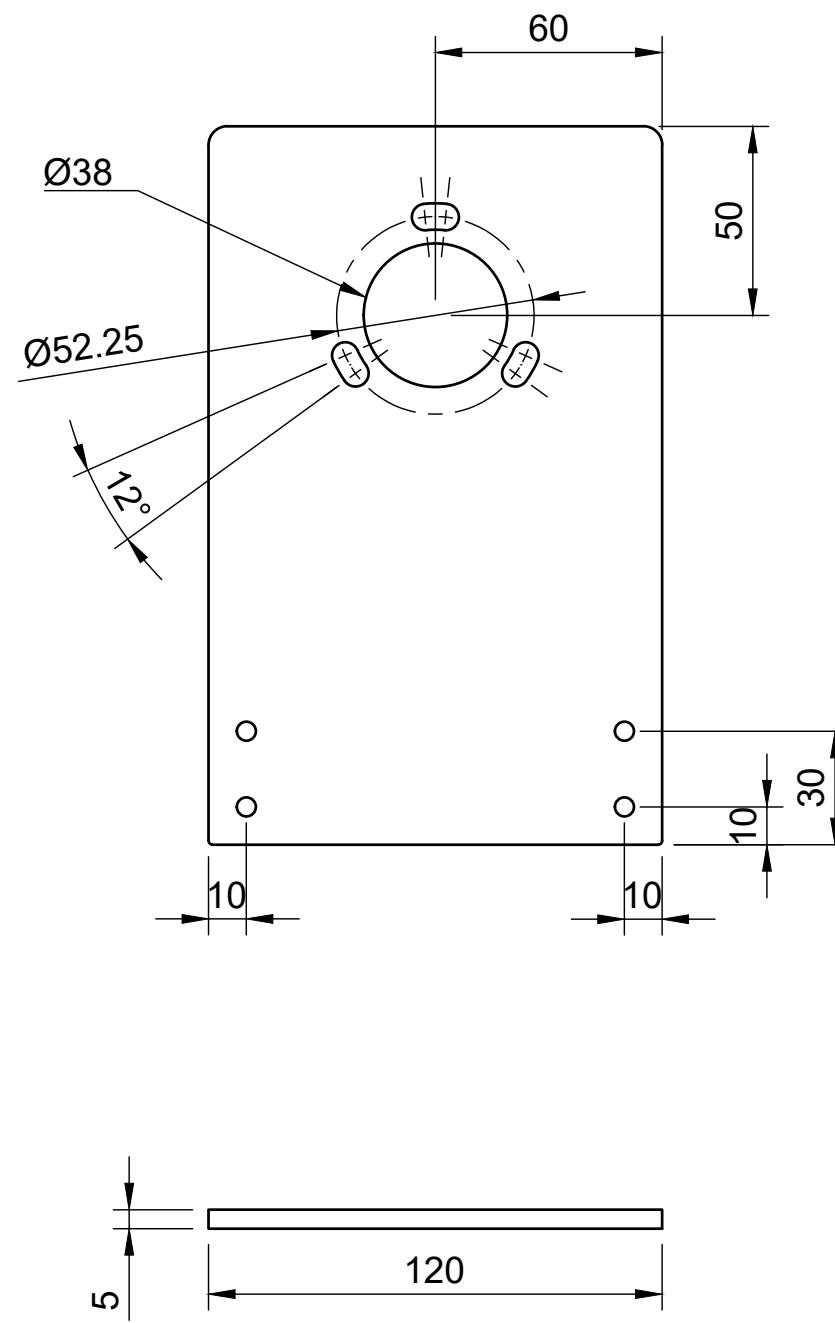
D

E

E

F

F



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Date
24/05/2024

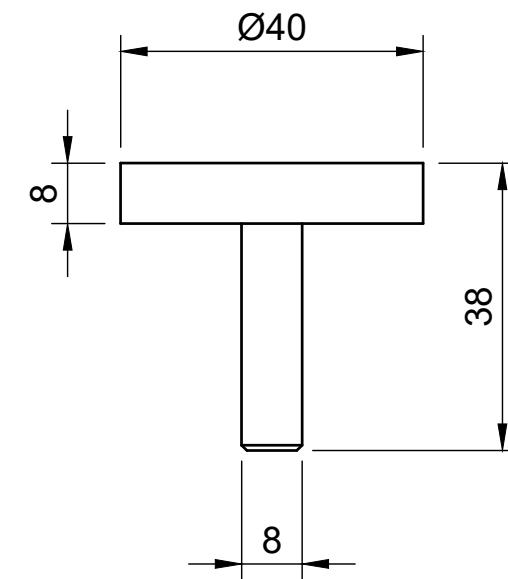
Part name
Base LiDAR button AGV03

Scale
1:2

1 2 3 4 5 6 7 8

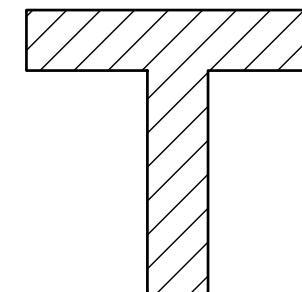
A

A



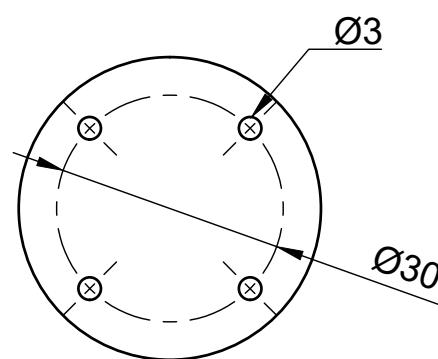
B

B



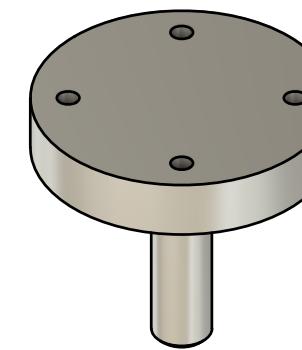
C

C



D

D



E

E

F

F



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MCE09

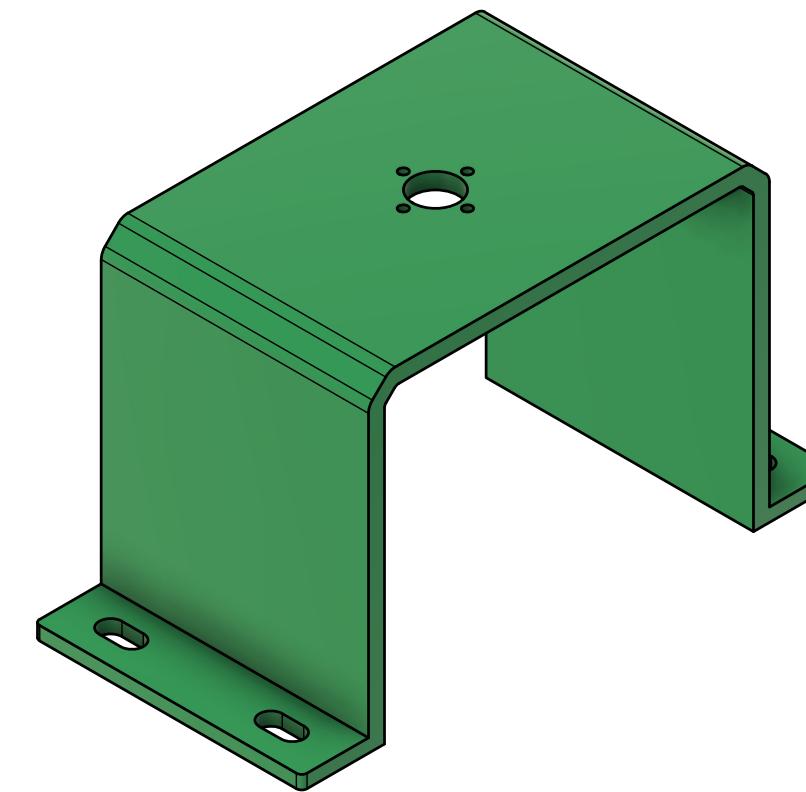
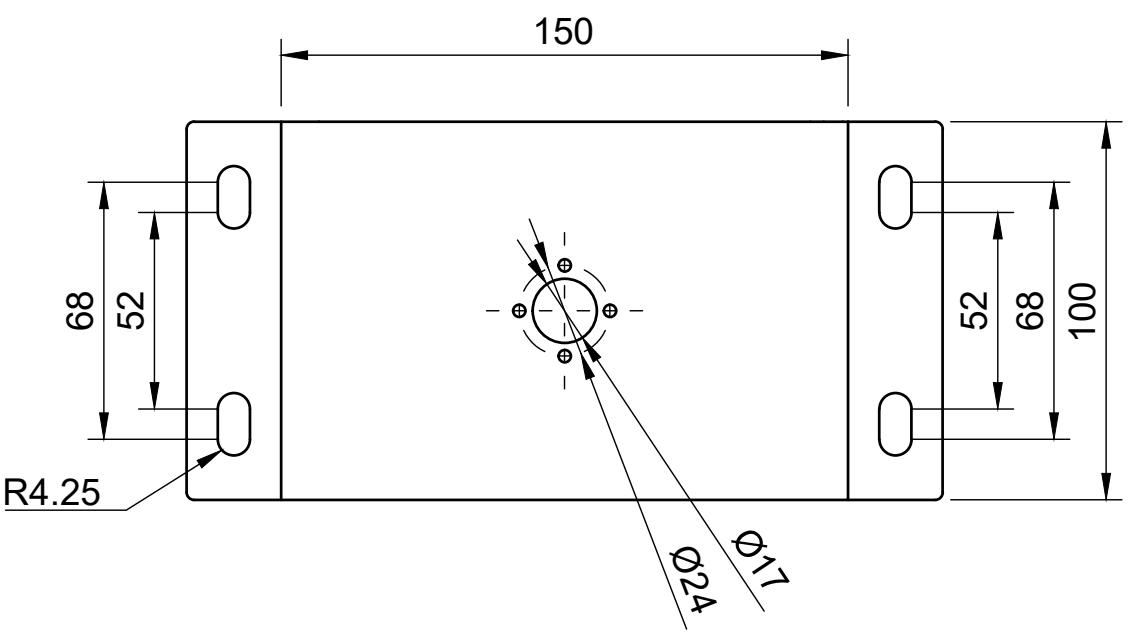
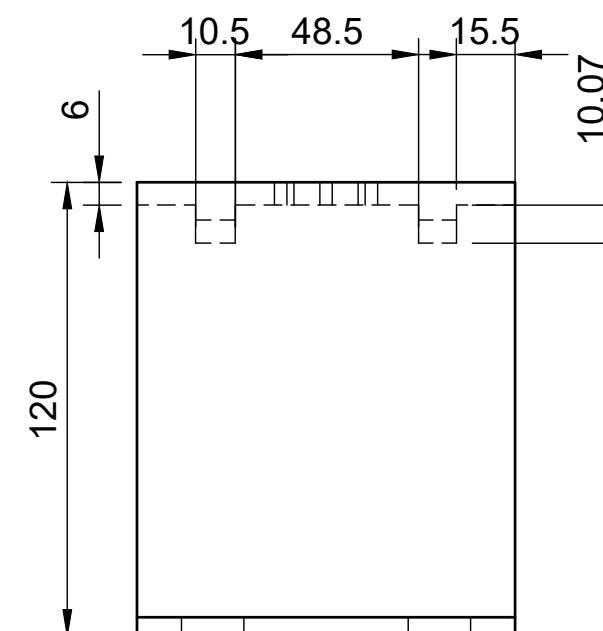
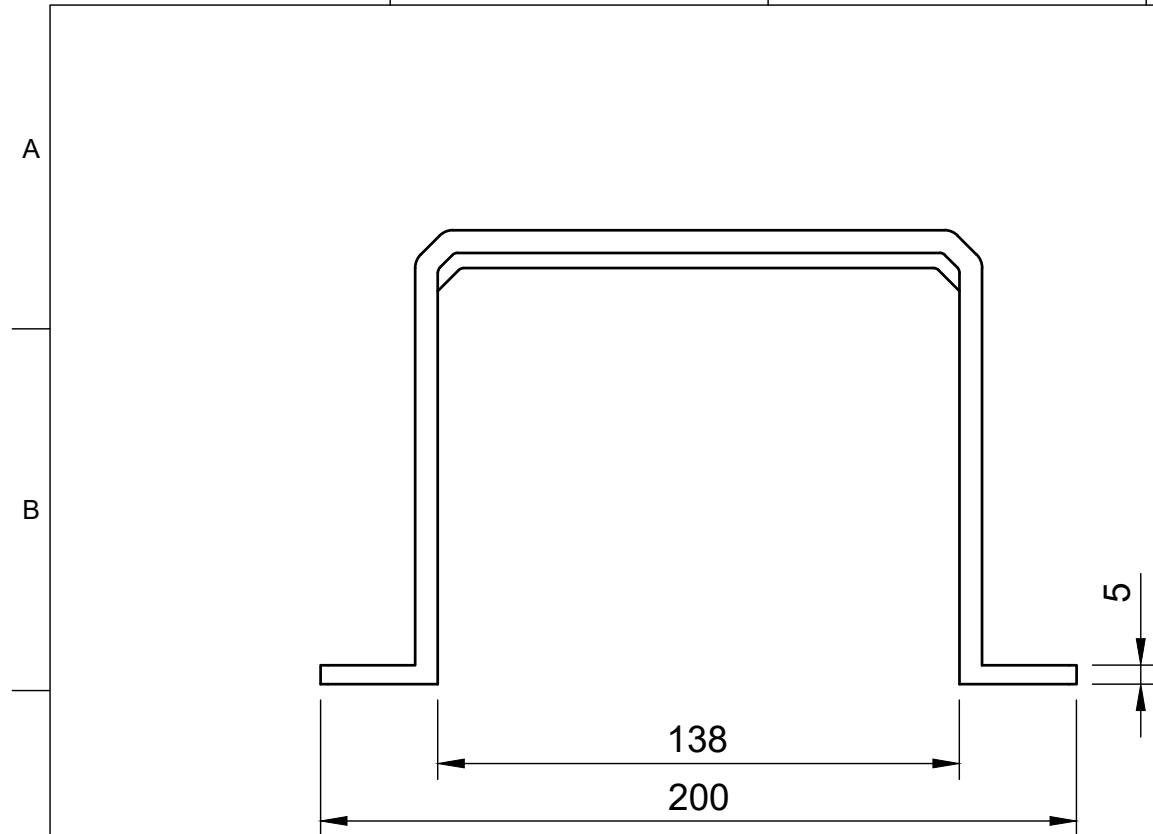
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Date
24/05/2024

Part name
Shaft wear bearing LiDAR AGV03

Scale
1:1

1 2 3 4 5 6 7 8



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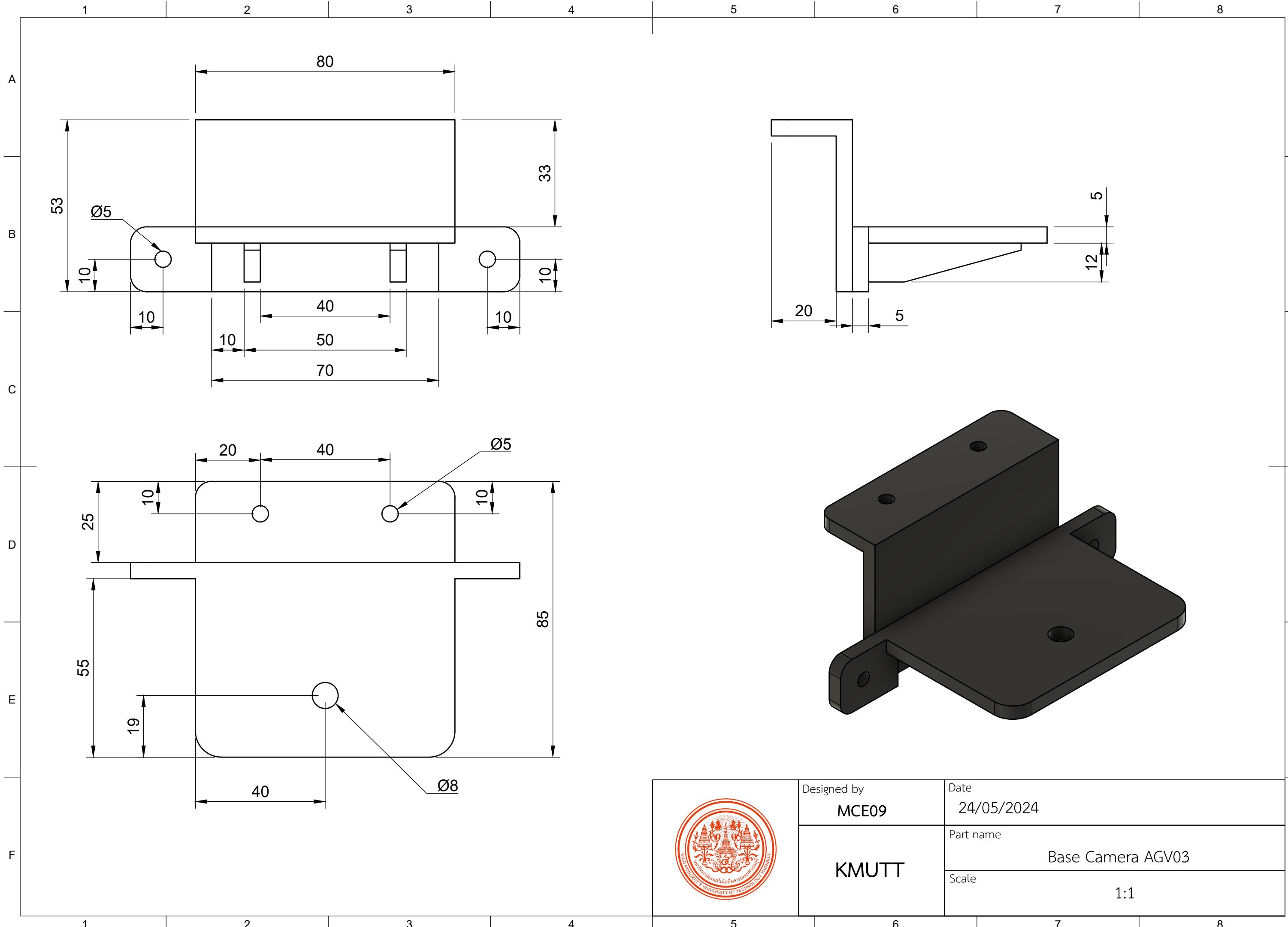
Date
24/05/2024

Part name
Mounting Bracket AGV03

Scale

1:2

1 2 3 4 5 6 7 8



1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

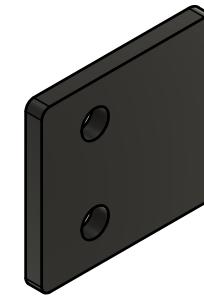
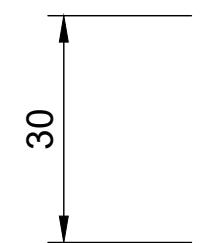
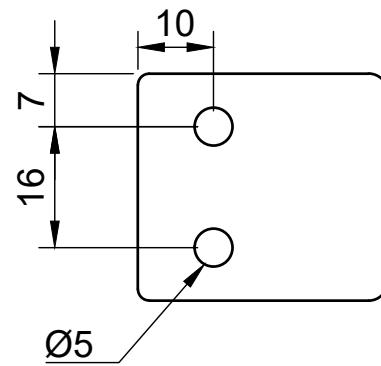
D

E

E

F

F



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Date
24/05/2024

Part name
Steering angle measurement AGV03

Scale

1:1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

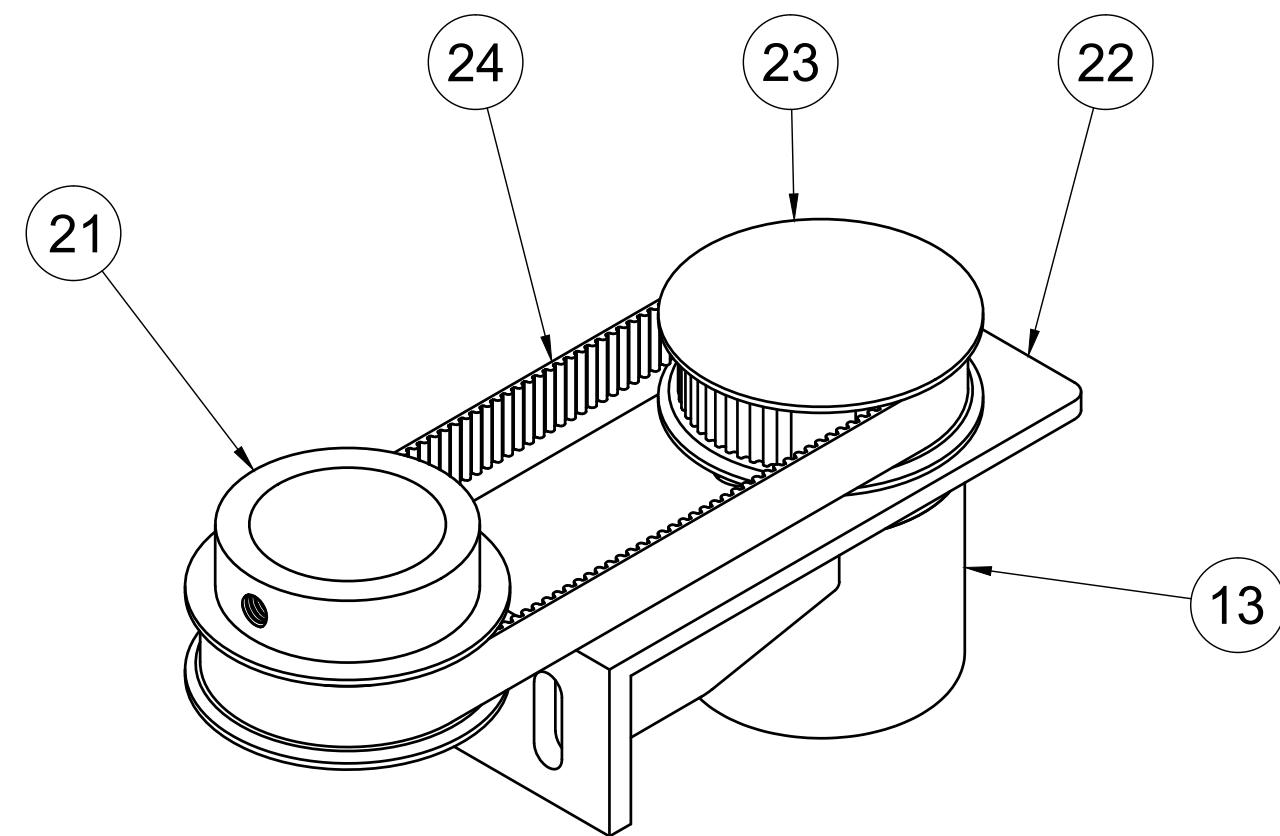
D

E

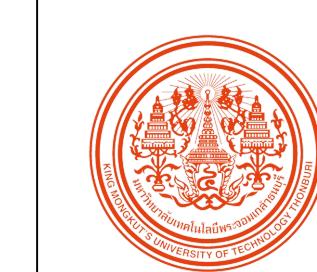
E

F

F



Parts List		
Item	Qty	Part Number
13	1	Encoder
21	1	60 Teeth Timing Pulley Rotary AGV
22	1	Bracket Encoder Angle
23	1	60 Teeth Timing Pulley Rotary Encoder
24	1	Belt 300 mm measure degrees



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Date
24/05/2024

Part name
Steering angle measurement AGV03

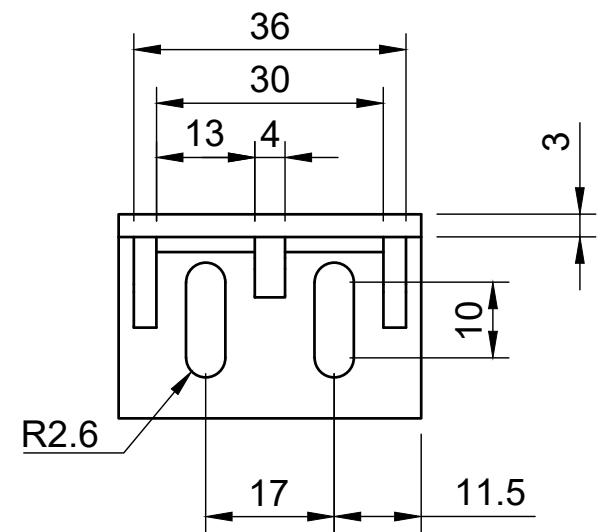
Scale
1:1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

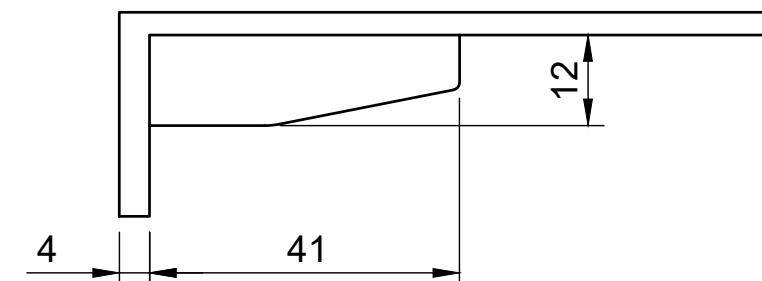
A

A



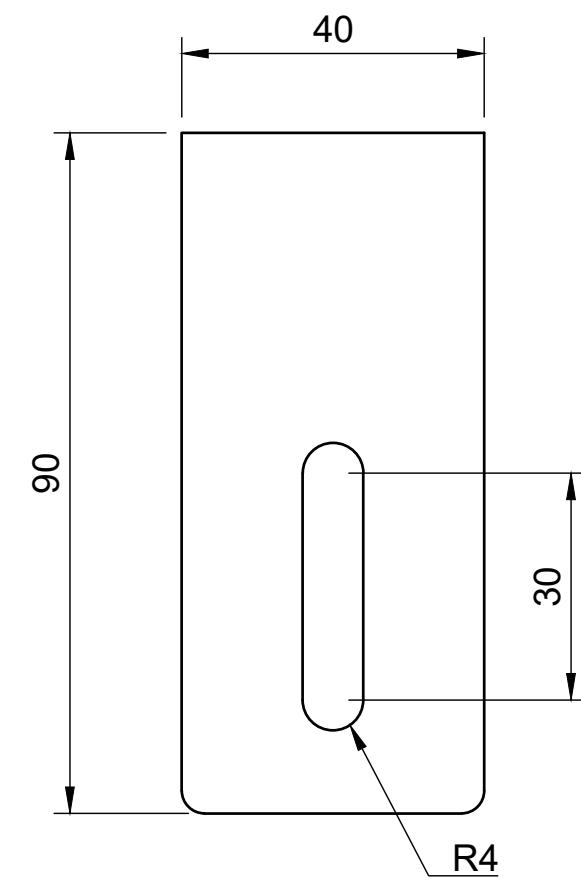
B

B



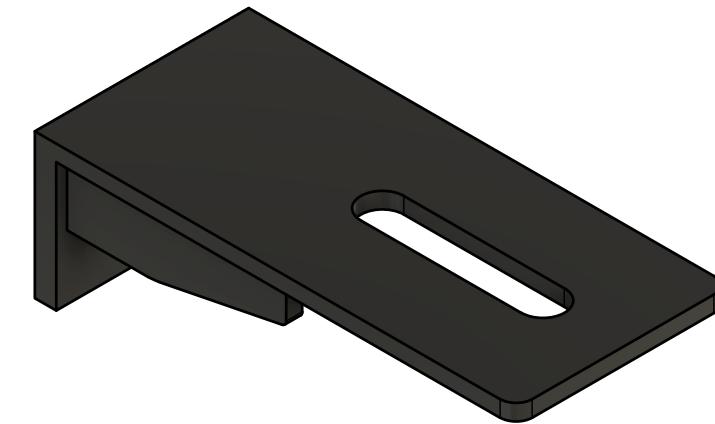
C

C



D

D



E

E

F

F



Designed by
MCE09
Part name
Bracket Encoder Angle AGV03
Scale
1:1

Date
24/05/2024

Part name

Bracket Encoder Angle AGV03

Scale

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

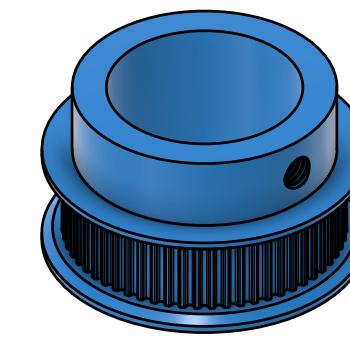
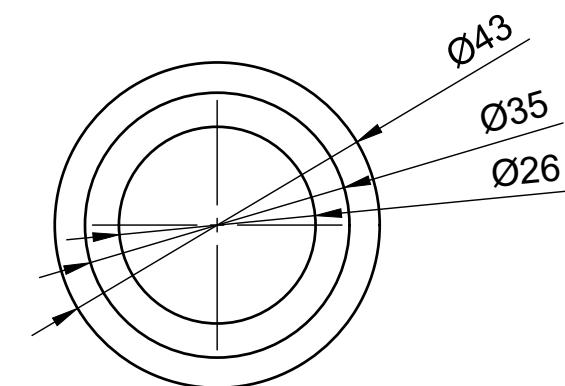
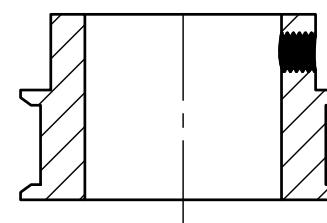
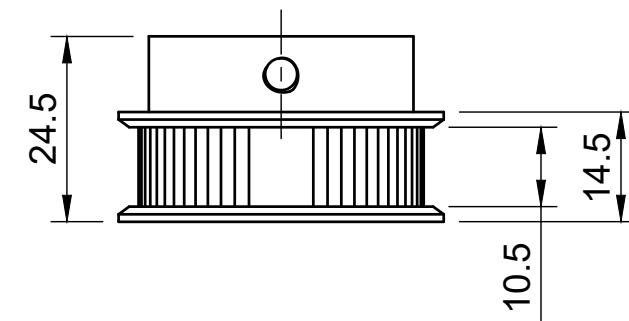
D

E

E

F

F



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Date
24/05/2024

Part name
60 Teeth Timing Pulley Rotary AGV03

Scale
1:1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

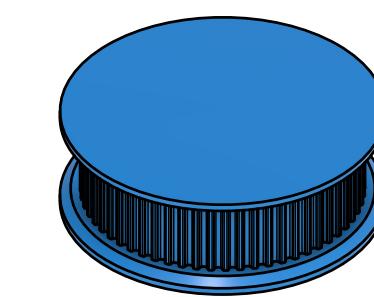
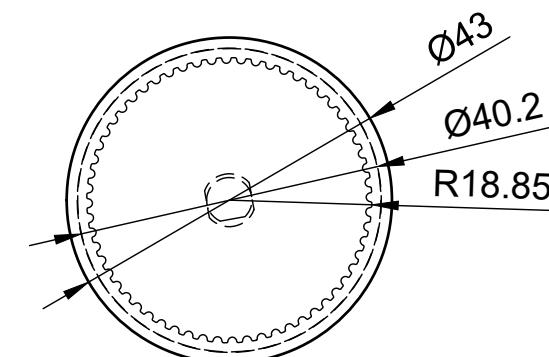
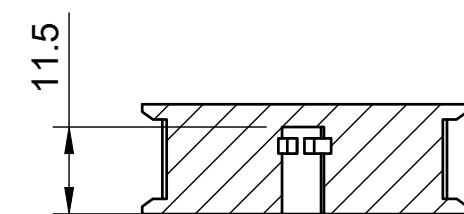
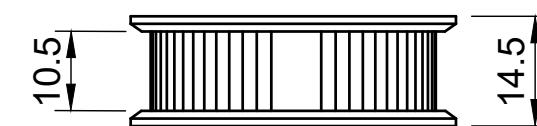
D

E

E

F

F



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KMUTT

Date
24/05/2024

Part name
60 Teeth Timing Pulley Rotary Encoder AGV03

Scale
1:1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

A

B

B

C

C

D

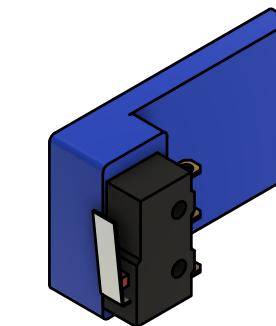
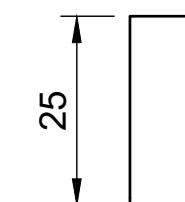
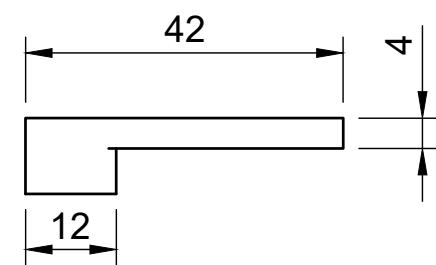
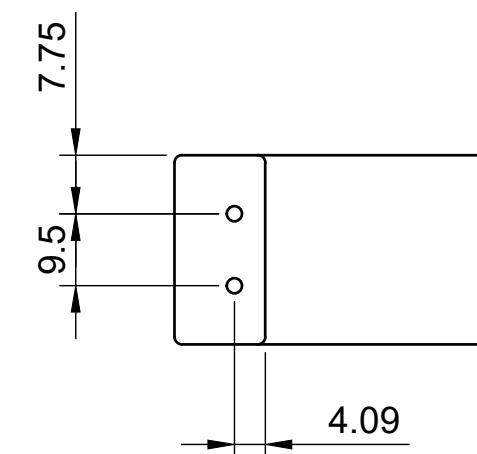
D

E

E

F

F



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MCE09
Part name
KMUTT
Scale

Date
24/05/2024

Bracket Limit switch AGV03

1:1

1 2 3 4 5 6 7 8