

PROPRIETARY AND COPYRIGHT, PLANAR MOTOR INCORPORATED
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PLANAR MOTOR INCORPORATED AND ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PLANAR MOTOR INCORPORATED IS PROHIBITED.

Planar Motor

D

C

B

A

D

C

B

A

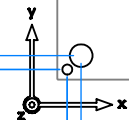
0.15/300

TOP VIEW

240, Stator Pitch

232, Dowel Pins

221, M8 Screws



221, M8 Screws

232, Dowel Pins

240, Stator Pitch

Stator Outline

Stator Outline

Stator Outline

Stator Outline

$\phi 4.00 (+0.012/+0.000)$
Option 1 (∇ X, 6mm recommended) OR Option 2 (THRU)
Drilled to $\phi 3.8\text{mm}$
Reamed to $\phi 4\text{mm}$
2 per stator

$\phi 9$ THRU
Clearance Holes for M8 Screws
4 per stator

Notes:

1. Material should be aluminum or non-magnetic stainless steel
2. Linear tolerance: ± 0.1
3. Angular tolerance: ± 0.5 deg
4. Top side mates with the Flyway

DESIGN TEMPLATE

Dimensions and tolerances per ASME Y14.5M-1994
Surface texture per ANSI/ASME B46 1-1985

Product dimensions subject to change

Model
**S3-AS Mounting
Template**

Dwg. No.
MP3-AS-TMP-04.06

Rev.
1.0

Planar Motor Incorporated - Vancouver, Canada

Issue Date
2025/08/11



Dimension
mm

Size
A3

Scale
1:3

Sheet
1/2

PROPRIETARY AND COPYRIGHT, PLANAR MOTOR INCORPORATED
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PLANAR MOTOR INCORPORATED AND ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PLANAR MOTOR INCORPORATED IS PROHIBITED.

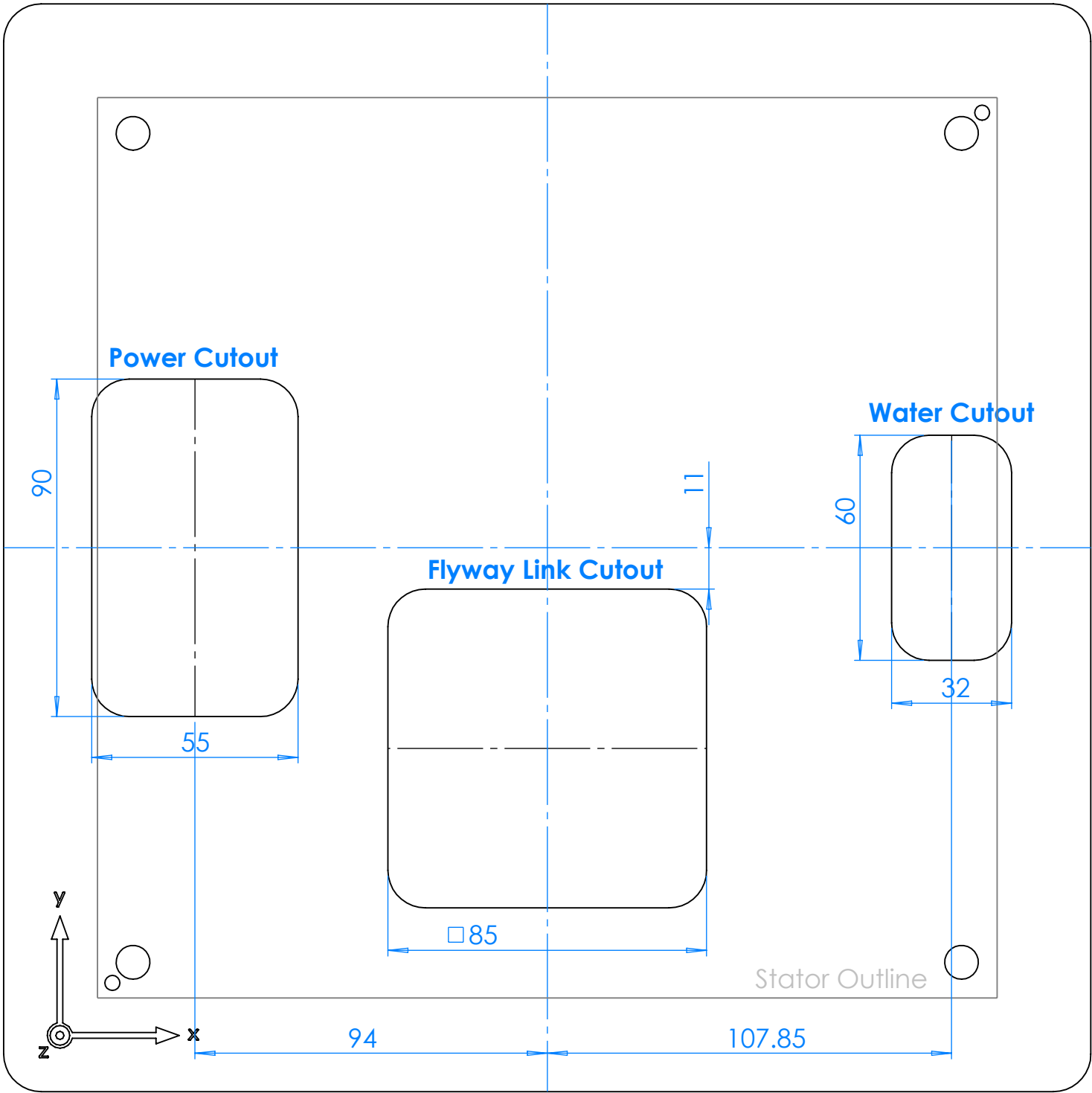
Planar Motor

D

C

B

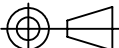
A



TOP VIEW

Notes:

- Material should be aluminum or non-magnetic stainless steel
- Linear tolerance: +/- 0.1
- Angular tolerance: +/- 0.5 deg
- Top side mates with the Flyway

| | | | | | |
|---|---|-----------------|------------|--------------------|--------------|
| DESIGN TEMPLATE | Dimensions and tolerances per ASME Y14.5M-1994 Surface texture per ANSI/ASME B46 1-1985 | | | | |
| | Product dimensions subject to change | | | | |
| Model S3-AS Mounting Plate Cutout | Dwg. No. MP3-AS-CUT-04.06 | | | Rev. 1.0 | |
| Planar Motor Incorporated - Vancouver, Canada | | | | | |
| Issue Date 2025/08/11 | Projection  | Dimension mm | Size A3 | Scale 1:1.5 | Sheet 2/2 |