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Planar Motor

D

C

B

A

120, Nominal Sator Width

112, Dowel Pins

101, M8 Screws

Ø 9.00 THRU
Clearance Holes for M8 Screws
4 per stator

0.15/300

Ø 4.00 (+0.012/+0.000)
Option 1 (∇ X , 6mm recommended) OR Option 2 (THRU)
Drilled to Ø 3.8mm
Reamed to Ø 4mm
2 per stator

Stator Outline

Stator Outline

461, M8 Screws

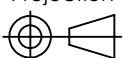
472, Dowel Pins

480, Nominal Stator Length/ Stator Pitch

TOP VIEW

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

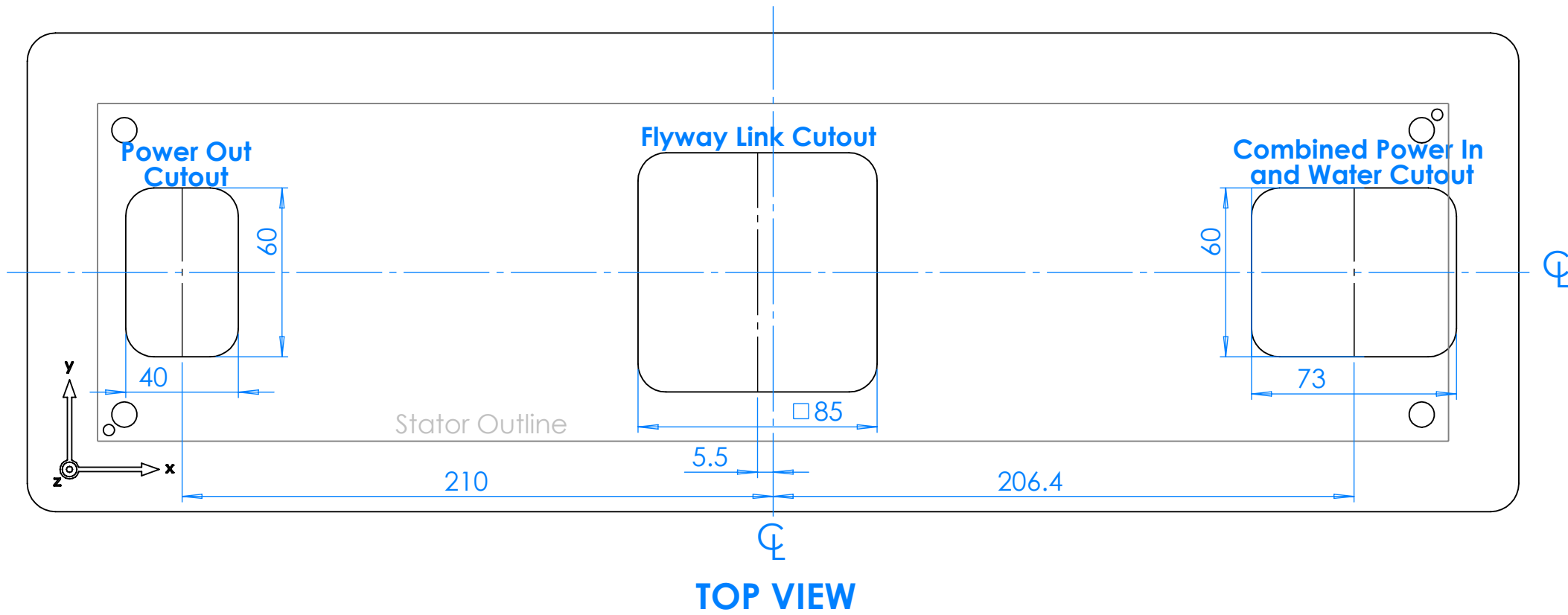
DESIGN TEMPLATE		Dimensions and tolerances per ASME Y14.5M-1994 Surface texture per ANSI/ASME B46 1-1985				
		Product dimensions subject to change				
Model S3-AN Mounting Template		Dwg. No. MP3-AN-TMP-04.06			Rev. 1.0	
Planar Motor Incorporated - Vancouver, Canada						
Issue Date 2025/08/12		Projection 	Dimension mm	Size A3	Scale 1:3	Sheet 1/2

D

C

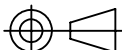
B

A



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-AN Mounting Plate Cutout	Dwg. No. MP3-AN-CUT-04.06			Rev. 1.0	
Planar Motor Incorporated - Vancouver, Canada					
Issue Date 2025/08/12	Projection 	Dimension mm	Size A3	Scale 1:2	Sheet 2/2