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Planar Motor

D

C

B

A

160, Nominal Stator Width

150, Dowel Pins

147.7, M6 Screws

136, M8 Screws

Ø 9.00 THRU
Clearance Holes for M8 Screws
4 Per Stator

Ø 6.60 THRU
Clearance Holes for M6 Screws
2 Per Stator

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

0.15/300

Stator Outline

Stator Outline

616, M8 Screws

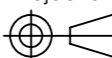
630, Dowel Pins

640, 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 S4-AN Mounting Template		Dwg. No. MP4-AN-TMP-04.08			Rev. 0.0	
Planar Motor Incorporated - Vancouver, Canada						
Issue Date 2025/08/11		Projection 	Dimension mm	Size A3	Scale 1:3	Sheet 1/1

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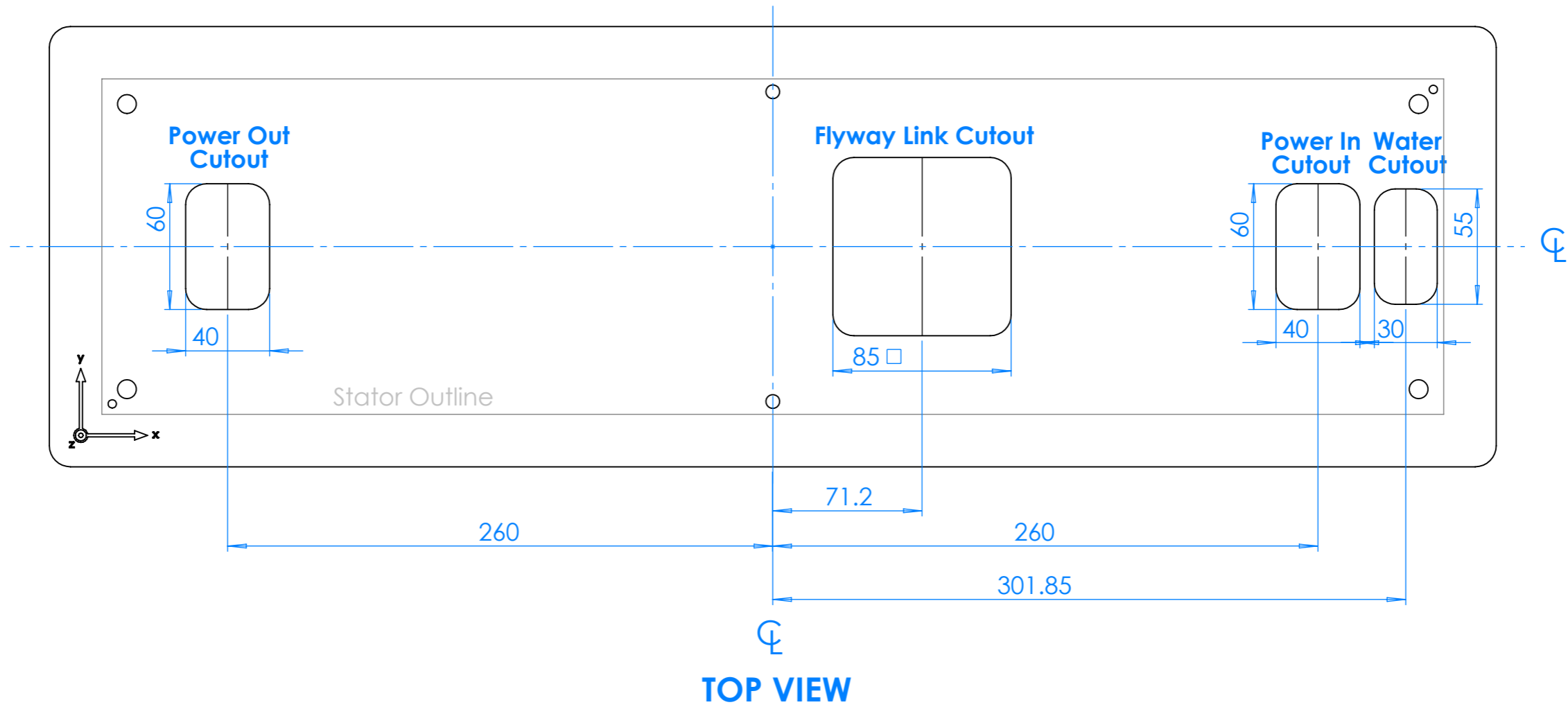
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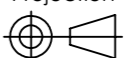
B

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 S4-AN Mounting Plate Cutout	Dwg. No. MP4-AN-CUT-04.08			Rev. 0.0	
Planar Motor Incorporated - Vancouver, Canada					
Issue Date 2025/08/11	Projection 	Dimension mm	Size A3	Scale 1:2	Sheet 1/1