

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

320, Stator Pitch

310, Dowel Pins

296, M8 Screws

296, M8 Screws

310, Dowel Pins

320, Stator Pitch

Stator Outline

Stator Outline

Stator Outline

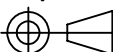
Stator Outline

$\phi 4.00 (+0.012/+0.000)$
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

$\phi 9.00$ THRU
Clearance Holes for M8 Screws
4 per stator

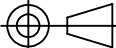
Note:

1. Material should be aluminum or non-magnetic stainless steel
2. Linear tolerance: ± 0.1
3. Angular tolerance: $\pm 0.5\text{deg}$
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-AS Mounting Template	Dwg. No. MP4-AS-TMP-04.06				Rev. 2.0	
Planar Motor Incorporated - Vancouver, Canada						
Issue Date 2025/08/13	Projection 	Dimension mm	Size A3	Scale 1:4	Sheet 1/2	



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

<div>PRODUCT DRAWING</div>		<div>Dimensions and tolerances per ASME Y14.5M-1994</div> <div>Surface texture per ANSI/ASME B46 1-1985</div>				
		<div>Product dimensions subject to change</div>				
<div>Model</div> <div>S4-AS Mounting Plate Cutout</div>		<div>Dwg. No.</div> <div>MP4-AS-CUT-04.06</div>			<div>Rev.</div> <div>2.0</div>	
<div>Planar Motor Incorporated - Vancouver, Canada</div>						
<div>Issue Date</div> <div>2025/08/13</div>		<div>Projection</div> <div></div>	<div>Dimension</div> <div>mm</div>	<div>Size</div> <div>A3</div>	<div>Scale</div> <div>1:2</div>	<div>Sheet</div> <div>2/2</div>