

ToolChanger ToolHead Stepper Motor Datasheet



E3D-ONLINE



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ToolChanger ToolHead Stepper Motor Specification

Electrical

- 400mA phase current RMS
- 3mH inductance

Mechanical

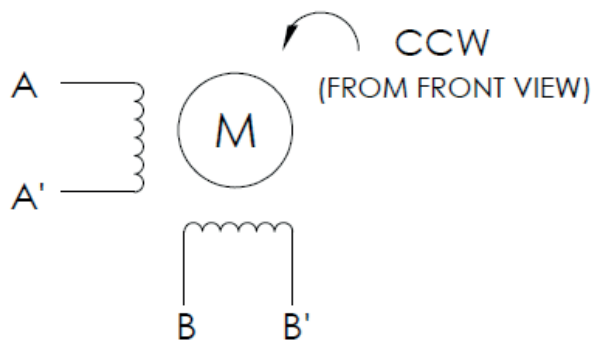
- 32 Steps-Per-Revolution (11.25° step angle)
- 1:64 reduction gearbox

Interface

- Motor connector : Molex PicoBlade 051021-0400
- M2.5 tapped holes on motor face plate

Operational

- 70°C max ambient operating temperature
 - Internal temperature of motor must not exceed 80°C
- Rated to 1,500,000 tool changes



DRIVE MODE: 2-1-2

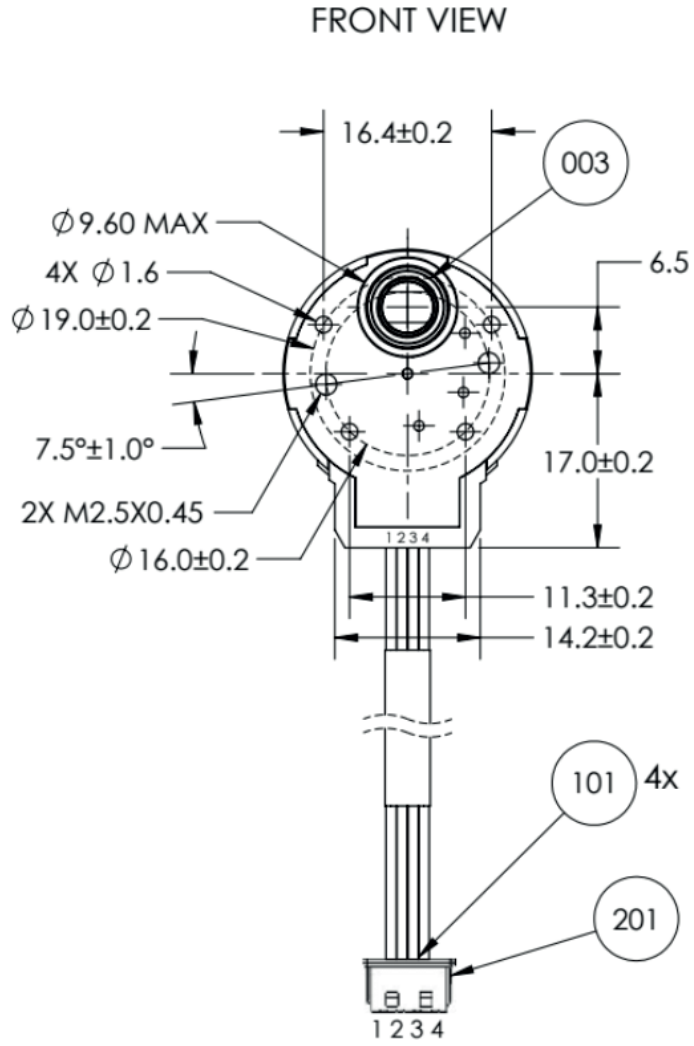
WIRE COLOR	PIN	PHASE	1	2	3	4	5	6	7	8
GREY	1	A	-	-						-
ORANGE	3	B		-	-	-				
BLACK	2	A'				-	-	-		
BLUE	4	B'						-	-	-

CW ↔ CCW
(FROM FRONT VIEW)



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Front View



Side View

