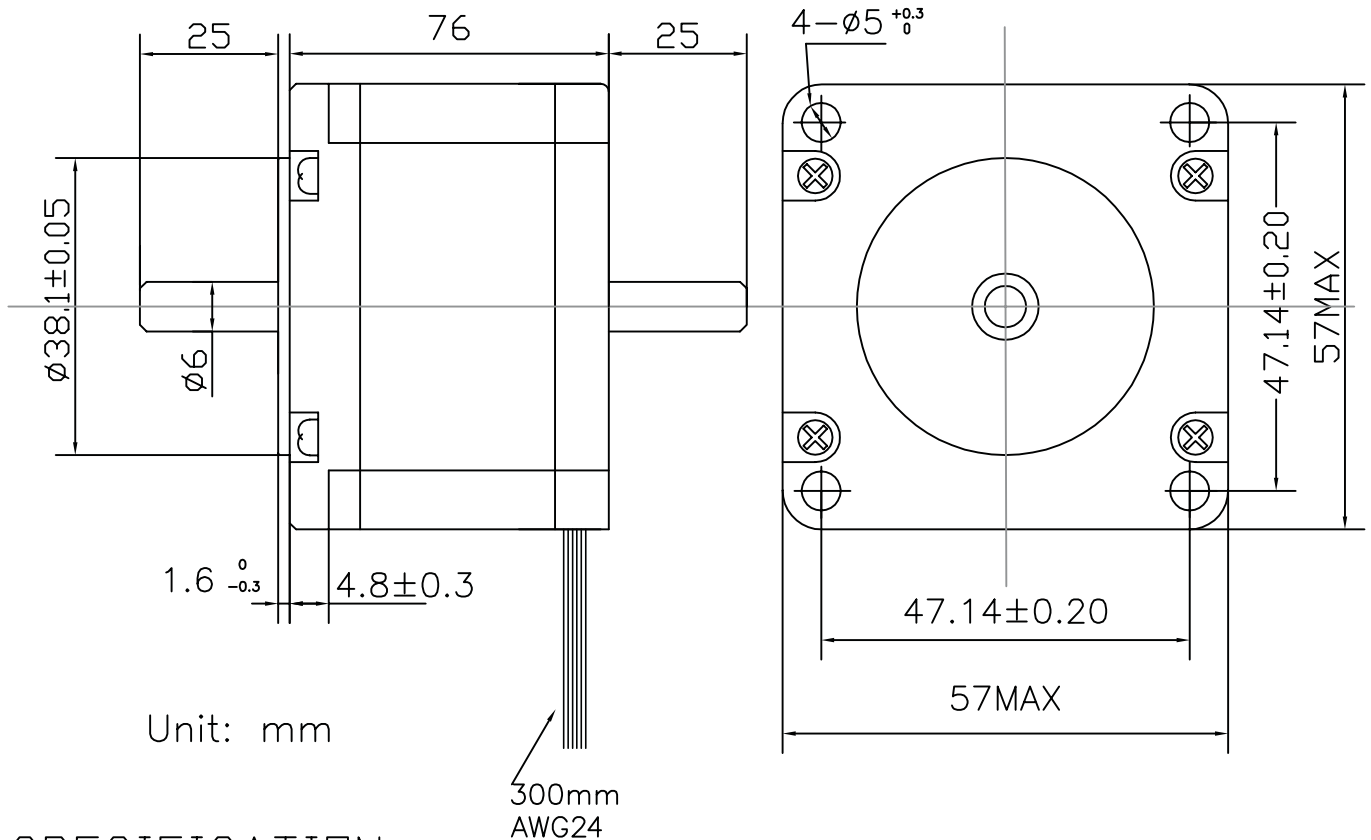


HYBRID STEPPING MOTOR

MODEL: AC570764525M

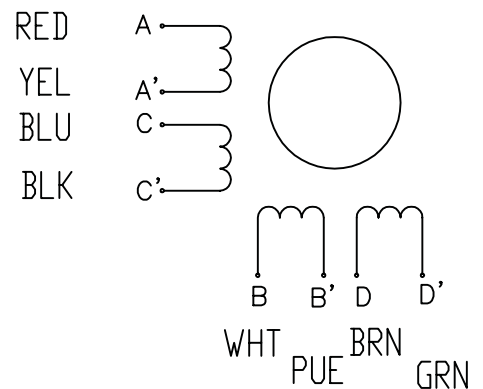


Unit: mm

SPECIFICATION

STEP ANGLE	1.8Deg
VOLTAGE	4.5 V
CURRENT	2.5A/PHASE
RESISTANCE	2 OHM/PHASE
INDUCTANCE	3.6 mH/PHASE
HOLDING TORQUE	180N.cm
MOTOR LENGTH	76mm
ROTOR INERTIA	440g.cm ²
MOTOR WEIGHT	1.1KG
INSULATION CLASS	B

WIRING DIAGRAM



DESIGN	
CHECK	

Arc Euro Trade

Motor connections for Arc Euro Trade Stepper Motors

AC420484610: 36Ncm, 1A/Phase, 6mm Shaft
AC570764525M: 180Ncm, 2.5A/Phase, 6mm Shaft
AC570764525I: 180Ncm, 2.5A/Phase, ¼" Shaft
AC571157525M: 220Ncm, 2.5A/Phase, 10mm Shaft

For BIPOLAR SERIES:

Join YELLOW A to BLUE C and insulate connection
Join PURPLE B to BROWN D and insulate connection
Winding One then equals RED and BLACK
Winding Two then equals WHITE and GREEN

For BIPOLAR PARALLEL:

Join RED to BLUE
Join YELLOW to BLACK. This is then Winding One.
Join WHITE to BROWN
Join PURPLE to GREEN. This is then Winding Two.

For UNIPOLAR FOUR PHASE:

Use RED, BLACK, WHITE and GREEN as the PHASE wires.
Join YELLOW to BLUE, and PURPLE to BROWN; these then become the POWER connections.
The phase sequence is RED, GREEN, BLACK WHITE (or WHITE, BLACK, GREEN, RED for reverse).

The Arc Euro Trade **SMD093064** controller will drive our **AC420484610**, **AC570764525M**, **AC570764525I** and **AC571157525M** motors at their rated power if set up correctly and connected to a **smoothed DC power supply rated at 2x the current setting used on the controller.**

We regret we are unable to advise you on the suitability of these motors for any application.