

# 2-phase stepper motors

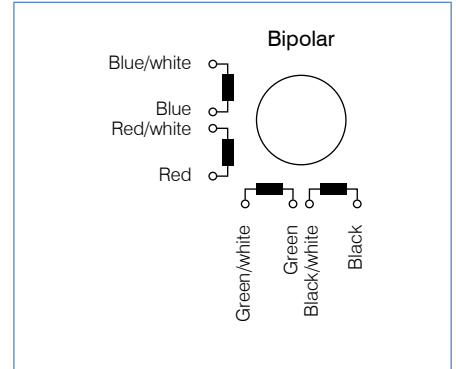
## ■ Type ST6018 - sizes X, M, L - 1.8°



### Option



### Pin configuration



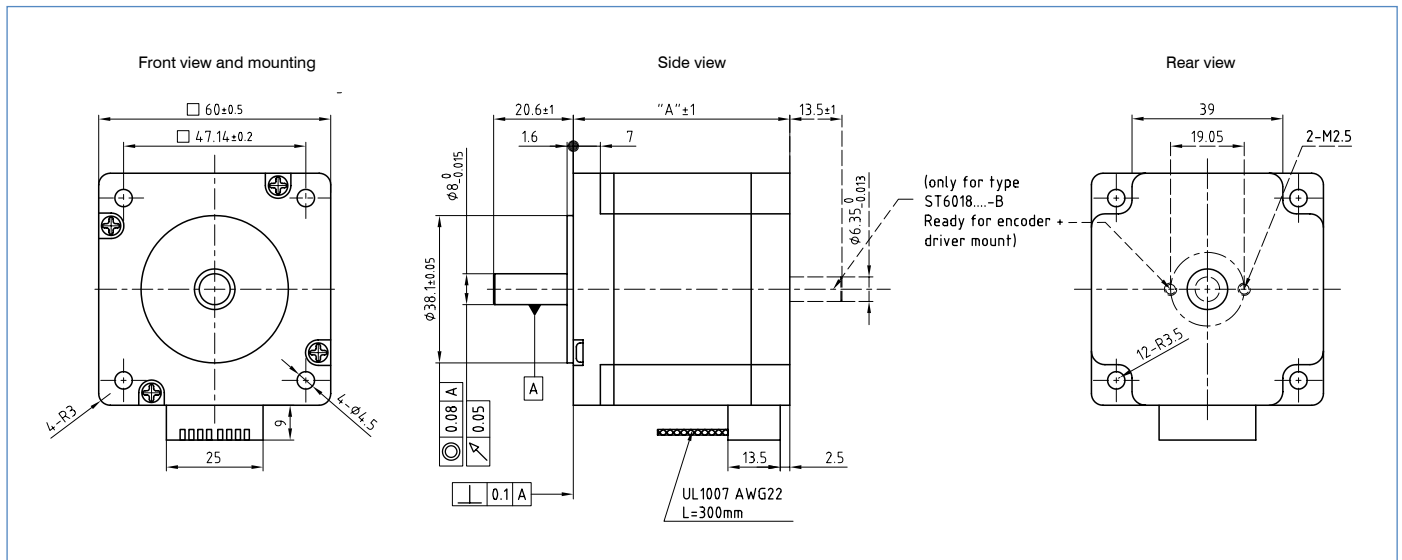
### Order number

**ST 6018 X 2008 -A**

A = one shaft end  
B = two shaft ends  
for encoder or brake

With only slightly larger dimensions, motors of the ST6018 series are more powerful than the motors of the ST5918 series, hence offering a cost-effective alternative for constructors who cannot employ a motor of the ST8718 series due to reasons of space.

### Outline drawing (in mm)



### Available power sizes (others on request)

Type	Current per winding A/winding	Holding torque N cm	Resistor per winding Ohm/winding	Inductance per winding mH/winding	Rotor inertia torque g cm <sup>2</sup>	Weight kg	Length "A" mm
ST6018X2008	2.0	75	1.46	1.80	275	0.60	47
ST6018X3008	3.0	78	0.68	0.80	275	0.60	47
ST6018M2008	2.0	138	2.00	5.60	450	0.77	56
ST6018M3008	3.0	117	0.80	1.38	450	0.77	56
ST6018K2008	2.0	150	2.40	4.60	570	1.20	67
ST6018L3008	3.0	250	1.30	3.20	840	1.40	88

All data refer to 1 half of the winding or unipolar!