

2-phase stepper motors

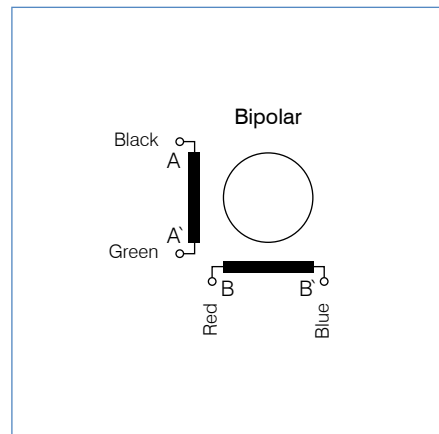
■ Type ST2018 - sizes S, M, L - 1.8°



Option



Pin configuration



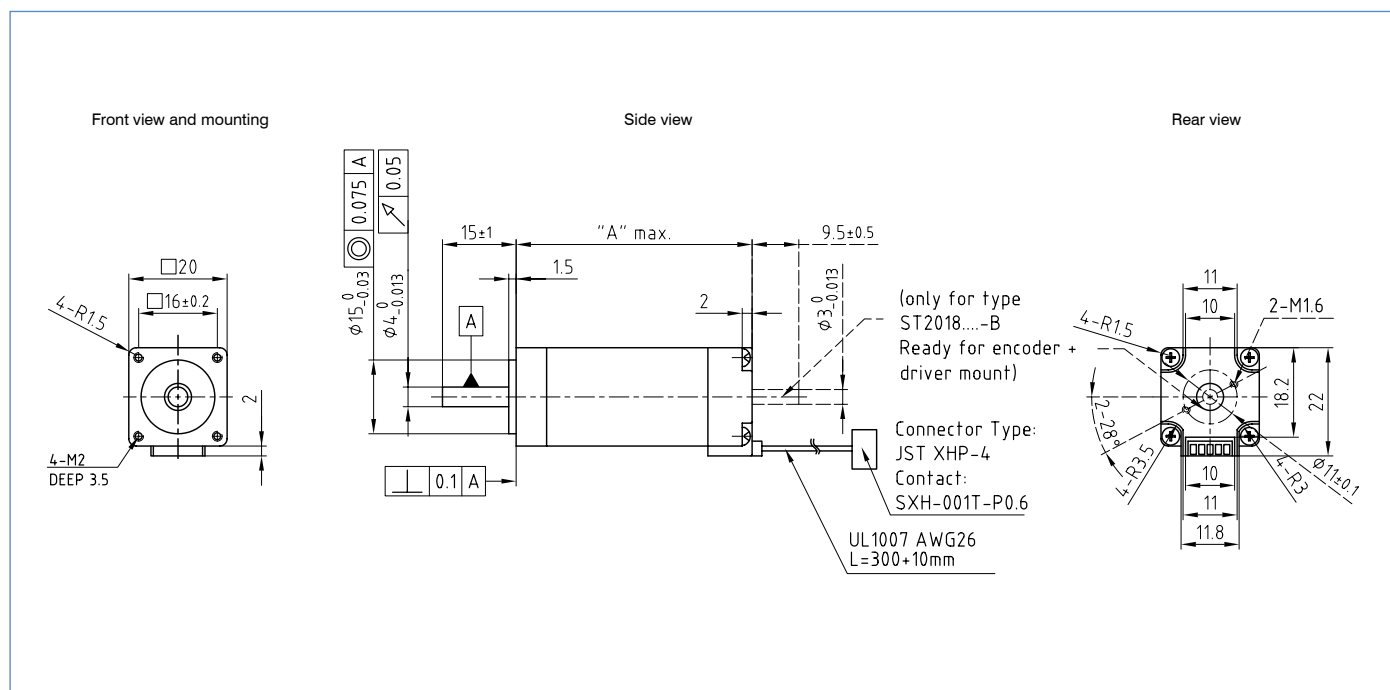
Order number

ST 2018 S 0604 -A

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

Where until now only the smallest DC motors are used, the new miniature stepper motors with high input torques and speeds of more than 6000 rpm offer completely new alternative and cost-effective drive possibilities. Unlike DC motors, the ST2018 series already has a very high torque at low speed and often gears are not required which leads to considerably more economical drive solutions.

Outline drawing (in mm)



Available power sizes (others on request)

Type	Current per winding A/winding	Holding torque Ncm	Resistor per winding Ohm/winding	Inductance per winding mH/winding	Rotor inertia torque g cm ²	Weight kg	Length "A" mm
ST2018S0604	0.60	1.80	6.5	1.70	2.0	0.06	33
ST2018M0804	0.80	3.00	5.4	1.50	2.0	0.08	42
ST2018L0804	0.80	3.60	6.0	2.20	2.3	0.09	48