

2-phase stepper motors

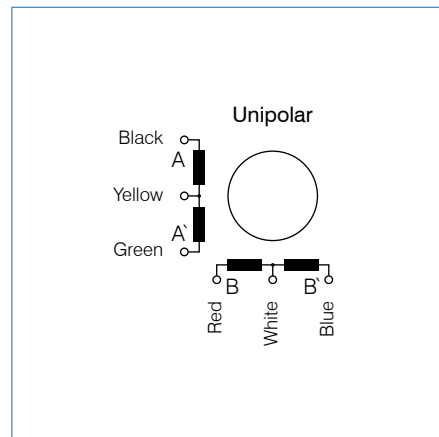
■ Type ST2018 - sizes S, M, L - 1.8°



Option



Pin configuration



Order number

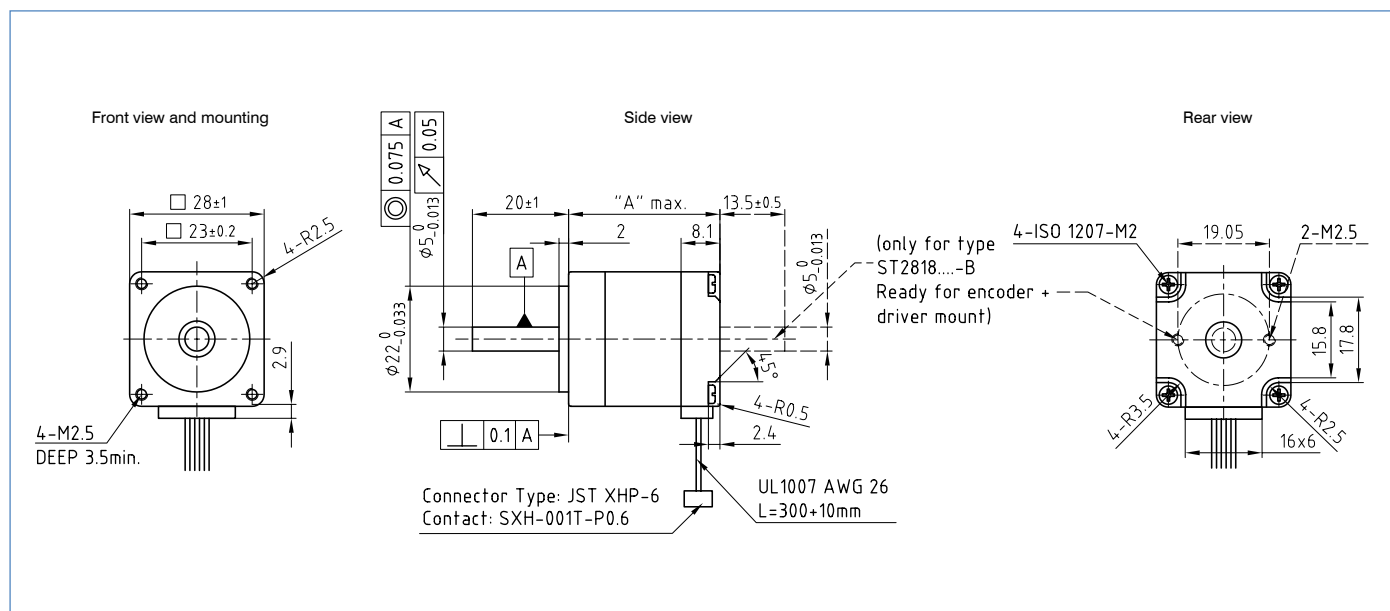
ST 2818 S 1006 -A

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

The small size stepper motor ST2818 is suited to applications where high precision is required with small construction volumes and a long service life. At a resolution of 1.8°/step, existing controllers can also be used for this step motor.

The standardized shaft diameter of 5mm makes it possible to install a cost-effective encoder in the double shaft version in order to monitor the rotation.

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 gcm ²	Weight kg	Length "A" mm
ST2818S1006	0.95	4.3	2.8	1.0	9	0.110	32
ST2818M1006	0.95	7.5	3.4	1.2	12	0.176	45
ST2818L1006	0.95	9.0	4.6	1.4	18	0.250	51

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