

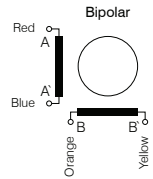
■ Type STF2818 - ultraflat stepper motor



Option



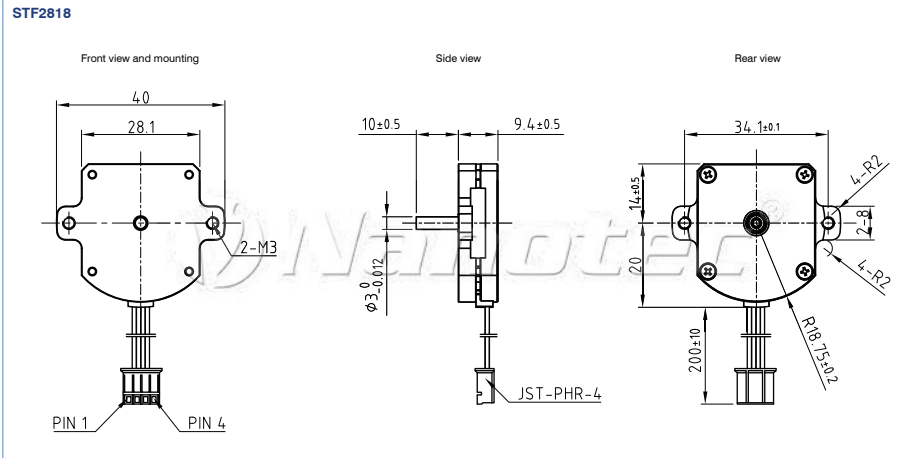
Pin configuration



Order identifier

STF2818X0504-A

Dimension image (in mm)

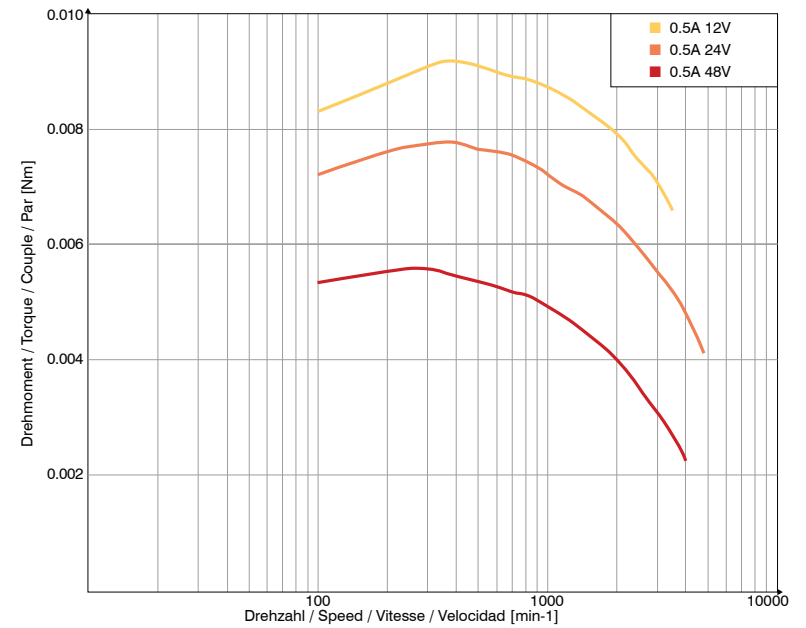


Available versions (others on request)

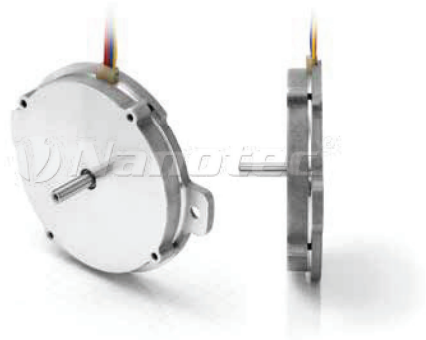
Type	Current per winding A/winding	Holding torque Ncm	Resistance per winding ohm/winding	Inductance per winding mH/winding	Rotor inertia torque gcm <sup>2</sup>	Weight kg	Length "A" mm
STF2818X0504-A	0.5	0.98	3.7	0.88	1.7	0.028	9.4

Speed/torque curves

STF2818X0504



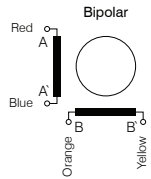
## Type ST6318 - ultraflat stepper motor



Option



Pin configuration



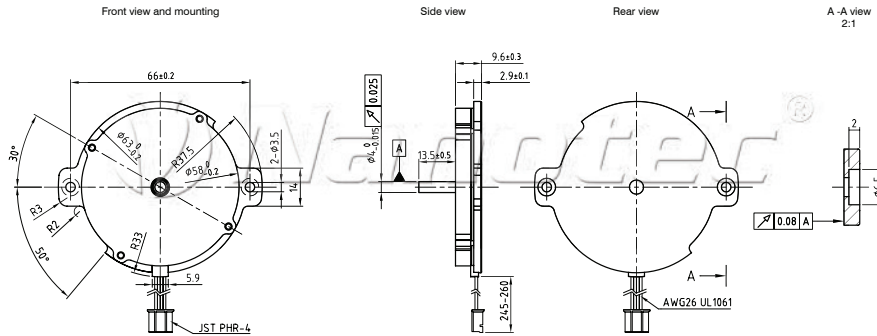
Order identifier

**ST6318F1004-A**

The ultraflat ST6318F1004 high-torque stepper motor with a 1.8° step angle (with microstep down to <math><0.02^\circ</math>) supports every design engineer who needs maximum torque with minimal construction height and a high degree of positioning accuracy. Stable speed behavior for both the slowest speeds and high number of rotations is possible due to the high torque. The implementation benefits are used to an advantage primarily in applications like component feeders in semi-conductor automation, medical laboratory and inspection devices, laser technology, inspection instrument construction, surveillance cameras, etc. Customer-specific designs are possible.

Dimension image (in mm)

ST6318



Available versions (others on request)

Type	Current per winding A/winding	Holding torque Ncm	Resistance per winding ohm/winding	Inductance per winding mH/winding	Rotor inertia torque g cm <sup>2</sup>	Weight kg	Length "A" mm
ST6318F1004	1,0	6,0	3,8	2,0	16	0,095	9,5

Speed/torque curves

ST6318F1004

