

Permanent magnet linear positioning drive types LSP0818 - LSP4275

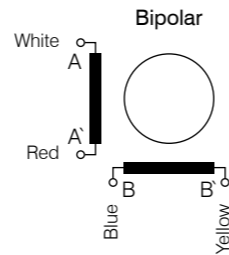


Option

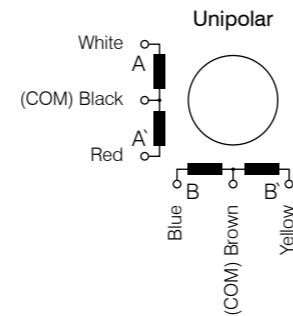


Pin configuration

LSP08..., 10..., 15...



LSP25..., 35..., 42...



The LSP linear positioning drives are based on a permanent magnet stepper motor with a metric thread on the motor shaft so that any rotation of the motor shaft with a matching nut is translated into a linear motion. The actuators allow finely graduated linear adjustments, e.g. for adjusting and positioning sensors and mirrors in medical and optical equipment. They are also suitable for constructional tasks in the field of clamping, opening and closing as well as precision adjustment of valve and flap adjustments in conditioning and control systems.

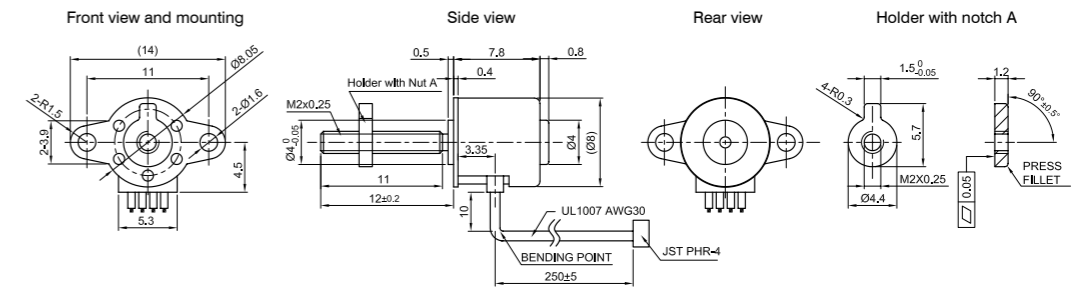
Available versions (others on request)

Type	Thrust max. F (N)	max. Precision feed control mm/s	Resolution mm/step	Spindle pitch (mm)	Thread Length mm	Current A/winding	Resistance per winding Ohm/winding	Inductance per winding mH/winding	Weight kg	Length "A" mm
LSP0818M0104-M2X0.25	0.8	20	0.014	0.25	11.0	0.12	13	1.5	0.003	7.8
LSP1018M0204-M2X0.25	4.0	20	0.014	0.25	13.5	0.22	15	3.0	0.0043	10.0
LSP1518M0104-M2X0.4	3.0	20	0.020	0.40	18.0	0.07	170	28.0	0.013	11.0
LSP2575M0506-M2X0.4	10.0	15	0.008	0.40	30.0	0.50	10	2.0	0.038	15.0
LSP3575M0206-M3X0.5	40.0	10	0.010	0.50	30.0	0.22	60	45.0	0.094	22.0
LSP4275M0206-M3X0.5	50.0	10	0.010	0.50	30.0	0.18	70	72.0	0.134	22.0

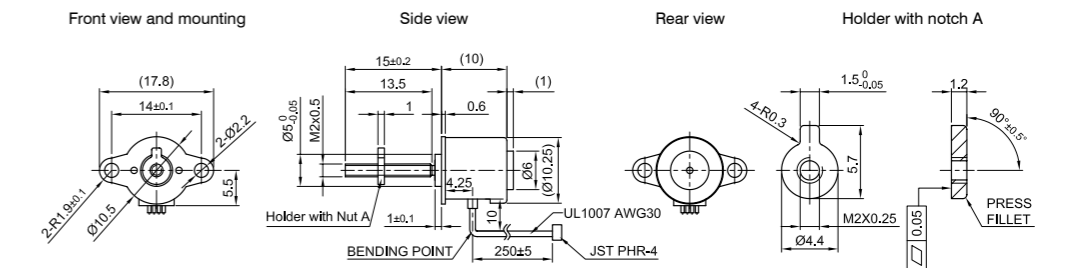
All data refer to 1 half of the winding or unipolar!

Outline drawing (mm)

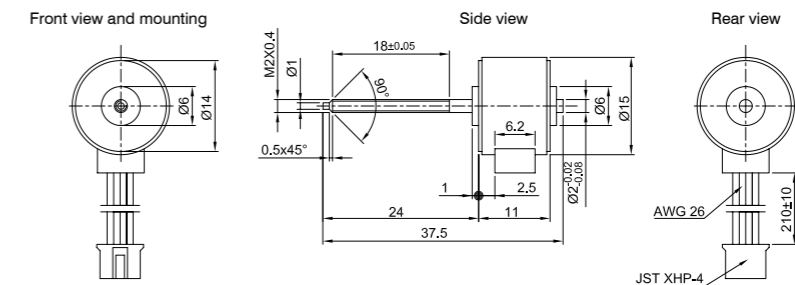
LSP0818M0104



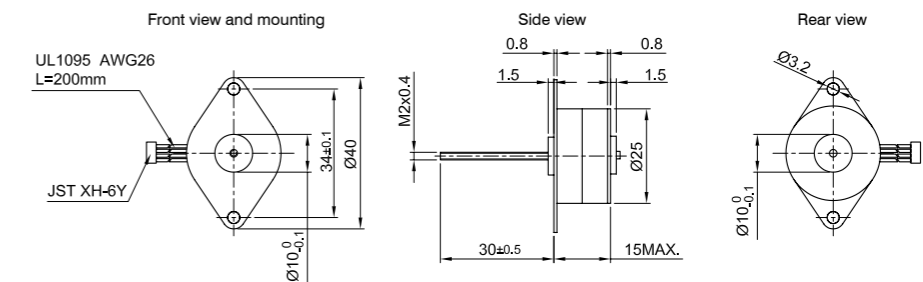
LSP1018M0204



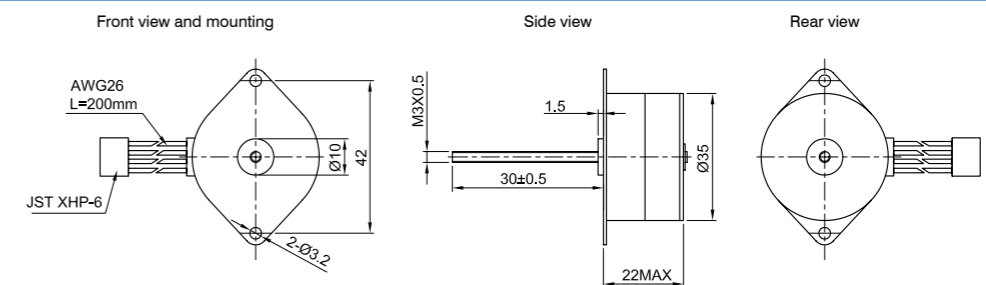
LSP1518M0104



LSP2575M0506



LSP3575M0206



LSP4275M0206

