

# Ordering Guide/Type Code

## Selection of a rodless slider ternary actuator

TSS    **1** **4** **6**          -          **01** -          -          /L or R

1    2    3    4    5    6    7    8    9    10    11    12    13    14

**1** TSS – Rodless slider type linear actuator

**2** Select Stepper or Servo version

- A – Closed loop stepper version
- B – Brushless servo version

**3** Enter a 1 to specify IP40 protection class. Slider is not available in IP65.

**4** Specify motor class size

- 46 – 46mm housing series “4” motor (stepper and 100W servo only)

**5** Select motor size

- A – Standard stepper motor
- B – Motor for 100W brushless servo

**6** Specify incremental encoder type

- A – 200 P/R encoder (resolution = 800) for stepper
- B – 500 P/R encoder (resolution = 2000) for servo
- C – 65,536 resolution absolute encoder for servo w/4096 multi-turn

**7** Select standard Interface type (see note)

- B – RS485 (SIO) + Source type PIO
  - D – Pulse input + Source type PIO + RS485 (pulse is available in servo version only)
  - H – Ethernet/IP + Source type PIO + RS485
  - J – Analog position control + RS485
  - Q – DeviceNet + Source type PIO + RS485
- Note that RS485 is not provided for types H & Q for stepper.

**8** Specify lead for 1 motor revolution for TSS slider type ternary. See page 35 for TSS max thrust and travel speed for 6 & 12 mm leads.

- 6 – 6 mm/rev
- C – 12 mm/rev

**9** Select required max slider stroke.

- 10 – 100mm
- 20 – 200 mm
- 30 – 300 mm
- 40 – 400 mm
- 50 – 500 mm
- 60 – 600 mm
- 70 – 700 mm    Available only for 060 model

**10** Determine if a holding brake is required.

- N – No brake
- B – Electrically lifted holding brake

**11** Specify 01 – Without gear reducer

**12** Specify motor connector design code

See pages 50-53 for information and drawings of connector styles available plus their associated cables. In item 12, enter a design code from one of the tables that corresponds to your selected configuration.

**13** Specify mechanical design code

- 045 – Size 045 slider
- 060 – Size 060 slider

**14** Specify TSS motor mounting orientation

- L for left cable outlet
- R for right cable outlet

### NOTES:

1. Source type PIO is standard for Size 46 products (stepper & 100W servo). Sink type PIO is available on special order, contact the factory.
2. This chart includes type codes for standard products stocked in North America. Note that a number of options, such as CANopen, Profibus and CC-Link interfaces, are available on special order.