drylin® E | Linear axes with motor | SAWC

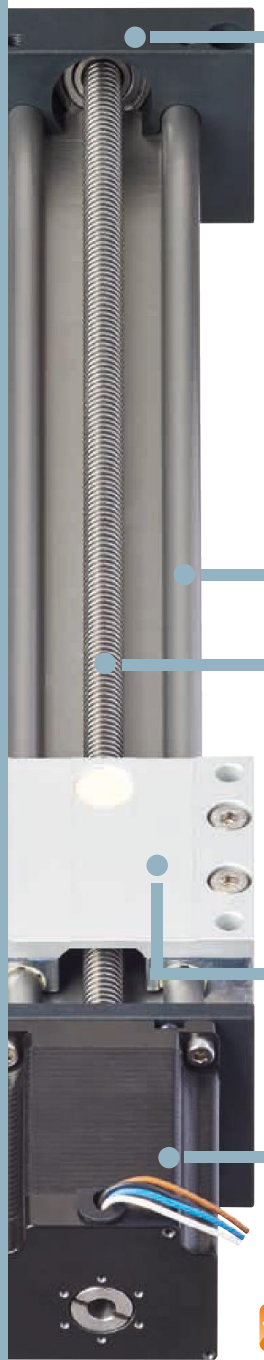
Linear axes with lead screw drive

When to use it?

- For format adjustments and to position medium loads
- When a compact solution with optimised useful full-length ratio is required
- For special requirement on the running behaviour
- When a cost-effective, ready-to-fit solution is needed
- For low noise
- For unsupported installations

When not to use it?

- When high loads need to travel at highly dynamic forces
- When positioning accuracy <0.1 mm is required
- When high running speed is required in continuous operation



Shaft end support made from aluminium

Hard anodised drylin® W aluminium profile (high profile shape)

2 trapezoidal thread pitches
3 high helix thread pitches

Lubrication and maintenance free drylin® W linear profile guides

igus® stepper motors
- Cost-effective
- Maintenance free
- 2 sizes

More information ▶ www.igus.eu/drylinSAWC

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drylin® E electrical drive technology

Order key

SAWC-1040-EPL-07-S0020RG-300-17-L-S-090

Type

Installation size
0630
1040

Design
SAWC-0630
S: Standard
M: Mono carriage (plastic)
SAWC-1040
S: Standard
E: Adjustable linear bearing
PL: Preload (50 N)
EPL: Adjustable, preload (50 N)

Carriage length
SAWC-0630
06: 60 mm (standard)
SAWC-1040
07: 69 mm (standard)
10: 100 mm
15: 150 mm

Lead screw material
S: Steel
E: Stainless steel

Pitch
SAWC-0630
0015: Tr08x1.5 mm (stainless steel)
0150: Sg08x15 mm (stainless steel)
SAWC-1040
0020: Tr10x2 mm (stainless steel)
0120: Sg10x12 mm (stainless steel)
0500: Sg10x50 mm (stainless steel)

Electrical connection alignment
000: 0° (standard)
090: 90°
180: 180°
270: 270°

Assembly
S: Assembly on the drive shaft (standard)

Motor option
L: Stranded wires

Motor size
17: NEMA17: recommended axis 0630
23: NEMA23: recommended axis 1040

Stroke length
SAWC-0630: max. 300 mm
SAWC-1040: max. 500 mm

Lead screw end
G: Threaded end

Thread
R = Right

3D-CAD files, prices and delivery time ▶ www.igus.eu/drylinE