

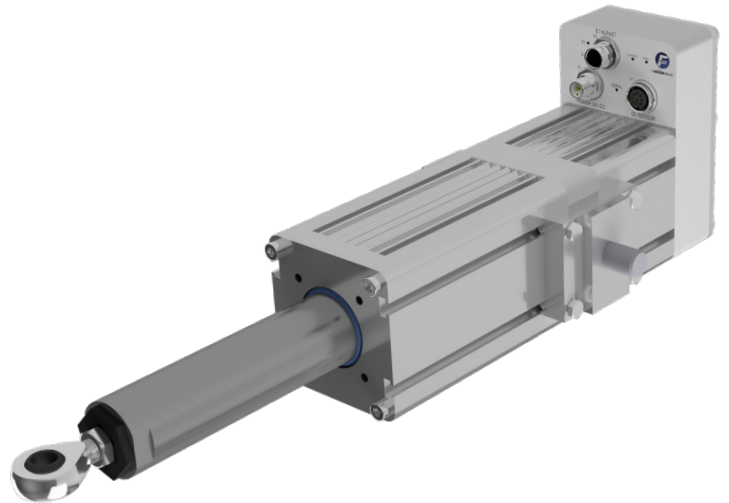


A MAXCESS BRAND

Precision Control for Modern Automation

Featuring a fully integrated controller, drive, and motor, the Fife SmartDrive Actuator is a powerful, easy to install, all-in-one solution for automated edge and center guiding in converting, laminating, and printing applications.

The SmartDrive Actuator's speed, responsiveness, and high accuracy continuously corrects material position error without ever slowing down. The direct-drive, gearless design smoothly maintains maximum thrust and speed throughout the entire stroke. And regardless of mounting orientation, the integrated servo center and zero-drift, absolute position encoder ensures the SmartDrive Actuator never needs to be recalibrated.



All Fife DSE-series digital sensors are supported. For the ultimate combination of accuracy and simplicity in a closed-loop guiding system pair the SmartDrive Actuator with the Fife Guideline Sensor.

General Specifications

Stroke Length

50/100/125/150/200/
250/300/400 mm

Thrust

1200 N / 2450 N

Speed

1200 N: 80 mm/s
2450 N: 60 mm/s

Positioning Accuracy

± 0,05 mm

Error Correction Response

6 Hz

Mounting Types

- Clevis, Rod Eye, Trunnion
- Flange

Operating temperature

0°C - 60°C

Power Supply

1200N: 24VDC, 240W, 10A
2400N: 24VDC, 480W, 20A

Protection Class

IP54-rated protection

Connectivity / Communications

- Ethernet: Modbus TCP, Maxnet
- RS-485: 3 Fife DSE Sensors maximum (partly accessories necessary), 1 Operator Interface
- Ethernet/IP, Profinet, and EtherCAT protocols supported via optional gateway

Certifications

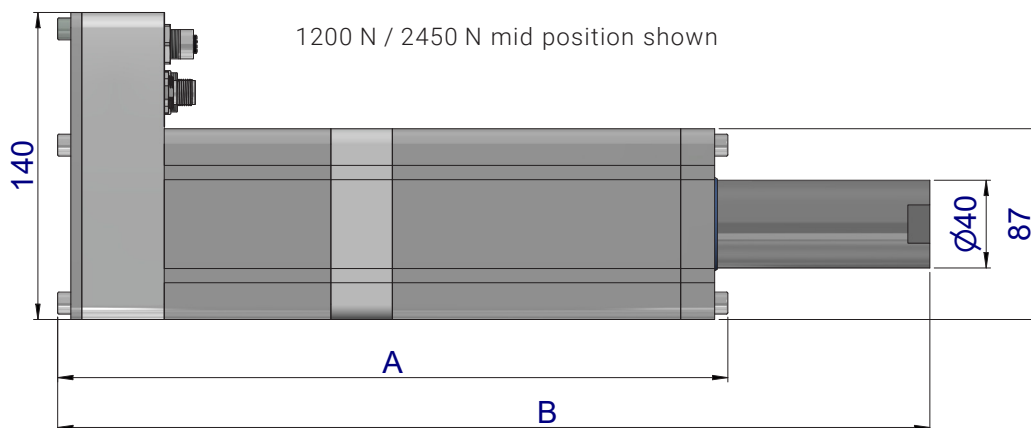
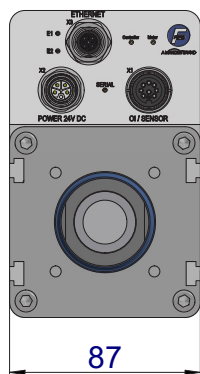
CE and TÜV

Key Features

- Easy installation
- Exceptionally responsive, fast and accurate
- Absolute encoder maintains precision position after power cycle
- Supports all Fife DSE series digital sensors
- Simple setup and monitoring via touchscreen operator interface
- Maintenance-free, brushless motor
- Dual-rail power supply enables safe E-Stop without losing communications

DIMENSIONS

		Total Stroke Length							
Thrust	Length	50	100	125	150	200	250	300	400
1200N	(A) Body	255.6	305.6	330.6	355.6	405.6	455.6	505.6	605.6
	(B) Mid-Stroke	320.5	395.5	433.0	470.5	545.5	620.5	695.5	845.5
2450N	(A) Body	284.6	334.6	359.6	384.6	434.6	484.6	534.6	634.6
	(B) Mid-Stroke	349.5	424.5	462.0	499.5	574.5	649.5	724.5	874.5



LEARN MORE



Dimensions in mm

Global HQ & Americas

+1-844-MAXCESS

sales@maxcessintl.com

Maxcess Europe HQ
Fife-Tidland GmbH

+49 6195 7002 - 0
service@maxcess.eu

Maxcess Germany
RotoMetrics Deutschland GmbH

+49 6134 7262 - 0
sales@rotometrics.de

Web
maxcess.com

Shop
mymaxcess.eu
myroto.com

